

85 33 67.3 248 20 US-11-017-030-46 Sequence 46, Appl
 86 33 67.3 248 20 US-11-017-030-64 Sequence 64, Appl
 87 33 67.3 249 16 US-10-779-461-42 Sequence 42, Appl
 88 33 67.3 249 20 US-11-017-030-62 Sequence 62, Appl
 89 33 67.3 250 16 US-10-779-461-8 Sequence 8, Appl
 90 33 67.3 250 20 US-11-090-847-134 Sequence 134, Appl
 91 33 67.3 251 16 US-10-779-461-25 Sequence 25, Appl
 92 33 67.3 251 16 US-10-779-461-36 Sequence 36, Appl
 93 33 67.3 251 16 US-10-779-461-48 Sequence 48, Appl
 94 33 67.3 252 20 US-11-017-030-29 Sequence 29, Appl
 95 33 67.3 253 20 US-11-017-030-39 Sequence 39, Appl
 96 33 67.3 255 16 US-10-779-461-17 Sequence 17, Appl
 97 33 67.3 257 20 US-11-017-030-31 Sequence 31, Appl
 98 33 67.3 258 10 US-09-880-748-1234 Sequence 1234, Ap
 99 33 67.3 258 15 US-10-293-418-1234 Sequence 1234, Ap
 100 33 67.3 258 15 US-10-293-418-1234 Sequence 1234, Ap

ALIGNMENTS

RESULT 1
 US-10-006-177-4
 ; Sequence 4, Application US/10006177
 ; Publication No. US20030165513A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ramakrishna, Venky
 ; APPLICANT: Ross, Mark
 ; APPLICANT: Philip, Ramila
 ; TITLE OF INVENTION: Cytotoxic T-Lymphocyte-Inducing Immunogens for Prevention, Treatm
 ; TITLE OF INVENTION: Diagnosis of Cancer
 ; FILE REFERENCE: 26747-35
 ; CURRENT APPLICATION NUMBER: US/10/006,177
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US/60/251,022
 ; PRIOR FILING DATE: 2000-12-04
 ; PRIOR APPLICATION NUMBER: US/60/256,824
 ; PRIOR FILING DATE: 2000-12-20
 ; NUMBER OF SEQ ID NOS: 20
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 4
 ; LENGTH: 9
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Epitopic Peptide
 ;
 US-10-006-177-4

Query Match 100.0%; Score 49; DB 14; Length 9;
 Best Local Similarity 100.0%; Pred. No. 1.7e+06;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FLYDDNQRV 9
 |||||
 Db 1 FLYDDNQRV 9

RESULT 2
 US-10-450-763-52754
 ; Sequence 52754, Application US/10450763
 ; Publication No. US20050196754A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Hyseq, Inc
 ; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
 ; FILE REFERENCE: 790CIP3/US
 ; CURRENT APPLICATION NUMBER: US/10/450, 763
 ; CURRENT FILING DATE: 2003-06-11
 ; PRIOR APPLICATION NUMBER: PCT/US01/08631
 ; PRIOR FILING DATE: 2001-03-30
 ; PRIOR APPLICATION NUMBER: 09/540, 217
 ; PRIOR FILING DATE: 2000-03-31
 ; PRIOR APPLICATION NUMBER: 09/649, 167
 ; PRIOR FILING DATE: 2000-08-23

; NUMBER OF SEQ ID NOS: 60736
 ; SOFTWARE: Custom
 ; SEQ ID NO 52754
 ; LENGTH: 546
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: DOMAIN
 ; LOCATION: (251)..(251)
 ; OTHER INFORMATION: DNA topoisomerase II proteins domain identified by eMATRIX,
 ; OTHER INFORMATION: accession number BL001771, p-value=2.200e-21, raw score of 21.82
 ; FEATURE:
 ; NAME/KEY: DOMAIN
 ; LOCATION: (146)..(321)
 ; OTHER INFORMATION: DNA gyrase/topoisomerase IV, subunit A domain identified by
 ; OTHER INFORMATION: Pfam, accession name DNA_topoisolv, E-value=2.4e-98, Pfam score o
 ; OTHER INFORMATION: 313.3
 ;
 US-10-450-763-52754

Query Match 100.0%; Score 49; DB 18; Length 546;
 Best Local Similarity 100.0%; Pred. No. 0.9;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FLYDDNQRV 9
 |||||
 Db 261 FLYDDNQRV 269

RESULT 3
 US-10-087-192-477
 ; Sequence 477, Application US/10087192
 ; Publication No. US20020182586A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Morris, David W.
 ; APPLICANT: Engelhard, Eric K.
 ; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR
 ; TITLE OF INVENTION: CANCER
 ; FILE REFERENCE: 529452000122
 ; CURRENT APPLICATION NUMBER: US/10/087,192
 ; CURRENT FILING DATE: 2002-03-01
 ; PRIOR APPLICATION NUMBER: US 09/747,377
 ; PRIOR FILING DATE: 2000-12-22
 ; PRIOR APPLICATION NUMBER: US 09/798,586
 ; PRIOR FILING DATE: 2001-03-02
 ; NUMBER OF SEQ ID NOS: 2059
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 477
 ; LENGTH: 990
 ; TYPE: PRT
 ; ORGANISM: Mus musculus
 ;
 US-10-087-192-477

Query Match 100.0%; Score 49; DB 13; Length 990;
 Best Local Similarity 100.0%; Pred. No. 1.7;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FLYDDNQRV 9
 |||||
 Db 289 FLYDDNQRV 297

RESULT 4
 US-10-087-192-480
 ; Sequence 480, Application US/10087192
 ; Publication No. US20020182586A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Morris, David W.
 ; APPLICANT: Engelhard, Eric K.
 ; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR
 ; TITLE OF INVENTION: CANCER
 ; FILE REFERENCE: 529452000122
 ; CURRENT APPLICATION NUMBER: US/10/087,192
 ; CURRENT FILING DATE: 2002-03-01

; PRIOR APPLICATION NUMBER: US 09/747,377
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 2059
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 480
; LENGTH: 1083
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-087-192-480

Query Match 100.0%; Score 49; DB 13; Length 1083;
Best Local Similarity 100.0%; Pred. No. 1.9;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
| | | | | | | | | |
Db 671 FLYDDNQRV 679

RESULT 5

US-10-450-763-52756
; Sequence 52756, Application US/10450763
; Publication No. US20050196754A1
; GENERAL INFORMATION:

; APPLICANT: Hyseq, Inc
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
; FILE REFERENCE: 790CIP3/US
; CURRENT APPLICATION NUMBER: US/10/450,763
; PRIOR FILING DATE: 2003-06-11
; PRIOR APPLICATION NUMBER: PCT/US01/08631
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: 09/540,217
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: 09/649,167
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 60736
; SOFTWARE: Custom
; SEQ ID NO 52756
; LENGTH: 1139
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:

; NAME/KEY: DOMAIN
; LOCATION: (55)..(91)
; OTHER INFORMATION: DNA topoisomerase II proteins domain identified by eMATRIX.
; OTHER INFORMATION: accession number BL00177H, p-value=3.647e-39, raw score of 21.42
; FEATURE:

; NAME/KEY: DOMAIN
; LOCATION: (239)..(707)
; OTHER INFORMATION: DNA gyrase/topoisomerase IV, subunit A domain identified by
; OTHER INFORMATION: Pfam, accession name DNA_topoisoIV, E-value=1.4e-186, Pfam score
; OTHER INFORMATION: 532.7
; FEATURE:

; NAME/KEY: misc feature
; LOCATION: (1)..(1139)
; OTHER INFORMATION: Xaa = X or * as defined in Table 2

US-10-450-763-52756

Query Match 100.0%; Score 49; DB 18; Length 1139;
Best Local Similarity 100.0%; Pred. No. 2;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
| | | | | | | | | |
Db 352 FLYDDNQRV 360

RESULT 6

US-10-471-758-2
; Sequence 2, Application US/10471758
; Publication No. US20040249574A1

; GENERAL INFORMATION:
; APPLICANT: Tishby, Naftali
; APPLICANT: Seldin, Yevgeny
; APPLICANT: Bejerano, Gill
; APPLICANT: Margalit, Hanah
; TITLE OF INVENTION: Markovian Domain Fingerprinting In Statistical Segmentation Of
; TITLE OF INVENTION: Protein Sequences
; FILE REFERENCE: 26874
; CURRENT APPLICATION NUMBER: US/10/471,758
; CURRENT FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 1526
; TYPE: PRT
; ORGANISM: Cricetulus longicaudatus
US-10-471-758-2

Query Match 100.0%; Score 49; DB 16; Length 1526;
Best Local Similarity 100.0%; Pred. No. 2.8;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
| | | | | | | | | |
Db 827 FLYDDNQRV 835

RESULT 7

US-09-876-889-347
; Sequence 347, Application US/09876889
; Patent No. US20020076715A1
; GENERAL INFORMATION:

; APPLICANT: Benson, Daxin R.
; APPLICANT: Lodes, Michael J.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: King, Gordon E.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR OVARIAN
; TITLE OF INVENTION: CANCER THERAPY AND DIAGNOSIS
; FILE REFERENCE: 210121.466C3
; CURRENT APPLICATION NUMBER: US/09/876,889
; CURRENT FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 353
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 347
; LENGTH: 1531
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-876-889-347

Query Match 100.0%; Score 49; DB 9; Length 1531;
Best Local Similarity 100.0%; Pred. No. 2.8;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
| | | | | | | | | |
Db 828 FLYDDNQRV 836

RESULT 8

US-09-998-598-2593
; Sequence 2593, Application US/09998598
; Patent No. US20020150922A1
; GENERAL INFORMATION:

; APPLICANT: Stolk, John A.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Chenault, Ruth A.
; APPLICANT: Meagher, Madelein Joy
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF COLON CANCER
; FILE REFERENCE: 210121.561
; CURRENT APPLICATION NUMBER: US/09/998,598
; CURRENT FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 2606

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; SOFTWARE: Corixa Invention Disclosure Database
; SEQ ID NO 2593
; LENGTH: 1531
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-998-598-2593

Query Match      100.0%; Score 49; DB 9; Length 1531;
Best Local Similarity 100.0%; Pred. No. 2.8; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

Qy      1 FLYDDNQRV 9
        |||||
Db      828 FLYDDNQRV 836

RESULT 9
US-10-171-311-222
; Sequence 222, Application US/10171311
; Publication No. US20030087270A1
; GENERAL INFORMATION:
; APPLICANT: Schlegel, Robert
; APPLICANT: Chen, Yan
; APPLICANT: Zhao, Xumei
; APPLICANT: Monahan, John
; APPLICANT: Kamatkar, Shubhangi
; APPLICANT: Glatt, Karen
; APPLICANT: Gannavarapu, Marjula
; APPLICANT: Hoersh, Sebastian
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY
; TITLE OF INVENTION: OF CERVICAL CANCER
; FILE REFERENCE: MRI-035
; CURRENT APPLICATION NUMBER: US/10/171.311
; CURRENT FILING DATE: 2002-06-12
; PRIOR APPLICATION NUMBER: US 60/298,159
; PRIOR FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: US 60/298,155
; PRIOR FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: US 60/335,936
; PRIOR FILING DATE: 2001-11-14
; NUMBER OF SEQ ID NOS: 238
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 222
; LENGTH: 1531
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-171-311-222

Query Match      100.0%; Score 49; DB 14; Length 1531;
Best Local Similarity 100.0%; Pred. No. 2.8; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

Qy      1 FLYDDNQRV 9
        |||||
Db      828 FLYDDNQRV 836

RESULT 10
US-10-301-822-211
; Sequence 211, Application US/10301822
; Publication No. US20030148410A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; APPLICANT: Berger, Allison
; APPLICANT: Guillemette, Tracy L.
; APPLICANT: Kamatkar, Shubhangi
; APPLICANT: Schlegel, Robert
; APPLICANT: Monahan, John E.
; APPLICANT: Thibodeau, Stephen N.
; APPLICANT: BURGART, Lawrence J.
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND
; TITLE OF INVENTION: METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
```

```
; TITLE OF INVENTION: THERAPY OF COLON CANCER
; FILE REFERENCE: MPW01-029P2RNM
; CURRENT APPLICATION NUMBER: US/10/301.822
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 60/339,971
; PRIOR FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: US 60/361,978
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US 60/381,988
; PRIOR FILING DATE: 2002-05-20
; NUMBER OF SEQ ID NOS: 228
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 211
; LENGTH: 1531
; TYPE: PRT
; ORGANISM: Homo Sapiens
US-10-301-822-211

Query Match      100.0%; Score 49; DB 14; Length 1531;
Best Local Similarity 100.0%; Pred. No. 2.8; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

Qy      1 FLYDDNQRV 9
        |||||
Db      828 FLYDDNQRV 836

RESULT 11
US-10-435-696-46
; Sequence 46, Application US/10435696
; Publication No. US20040018525A1
; GENERAL INFORMATION:
; APPLICANT: Wirtz, Ralph
; APPLICANT: Munnes, Marc
; APPLICANT: Kallabis, Harald
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS
; TITLE OF INVENTION: PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA
; FILE REFERENCE: Lea 36 108
; CURRENT APPLICATION NUMBER: US/10/435,696
; CURRENT FILING DATE: 2003-05-09
; PRIOR APPLICATION NUMBER: EP03003112.4
; PRIOR FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: EP02010291.9
; PRIOR FILING DATE: 2002-05-21
; NUMBER OF SEQ ID NOS: 314
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 46
; LENGTH: 1531
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-435-696-46

Query Match      100.0%; Score 49; DB 15; Length 1531;
Best Local Similarity 100.0%; Pred. No. 2.8; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

Qy      1 FLYDDNQRV 9
        |||||
Db      828 FLYDDNQRV 836

RESULT 12
US-10-723-860-2100
; Sequence 2100, Application US/10723860
; Publication No. US20040253606A1
; GENERAL INFORMATION:
; APPLICANT: Aziz, Natasha
; APPLICANT: Ginsburg, Wendy M.
; APPLICANT: Zlotnik, Albert
; TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions &
; TITLE OF INVENTION: Methods for Screening for Soft Tissue Sarcoma Modulators
; FILE REFERENCE: 05882.0193.NPUS01
; CURRENT APPLICATION NUMBER: US/10/723,860
```

; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: 60/429,739
; PRIOR FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 8393
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2100
; LENGTH: 1531
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-723-860-2100

Query Match 100.0%; Score 49; DB 16; Length 1531;
Best Local Similarity 100.0%; Pred. No. 2.8; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

Qy 1 FLYDDNQRV 9
Db 828 FLYDDNQRV 836

RESULT 13

US-10-645-756-42
; Sequence 42, Application US/10645756
; Publication No. US20050037010A1
; GENERAL INFORMATION:
; APPLICANT: Monahan, John
; APPLICANT: Zhao, Xumei
; APPLICANT: Chen, Yan
; APPLICANT: Glatt, Karen
; APPLICANT: Kamatkar, Shubhangi
; TITLE OF INVENTION: COMPOSITIONS, KITS AND METHODS FOR IDENTIFICATION,
; TITLE OF INVENTION: ASSESSMENT, PREVENTION, AND THERAPY OF CERVICAL
; TITLE OF INVENTION: CANCER
; FILE REFERENCE: MRI-062
; CURRENT APPLICATION NUMBER: US/10/645,756
; CURRENT FILING DATE: 2003-08-20
; PRIOR APPLICATION NUMBER: 60/404770
; PRIOR FILING DATE: 2002-08-20
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 42
; LENGTH: 1531
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-645-756-42

Query Match 100.0%; Score 49; DB 17; Length 1531;
Best Local Similarity 100.0%; Pred. No. 2.8; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

Qy 1 FLYDDNQRV 9
Db 828 FLYDDNQRV 836

RESULT 14

US-10-756-149-5261
; Sequence 5261, Application US/10756149
; Publication No. US20050181375A1
; GENERAL INFORMATION:
; APPLICANT: Aziz, Natasha
; APPLICANT: Zlotnick, Albert
; TITLE OF INVENTION: NOVEL METHODS OF DIAGNOSIS OF METASTATIC CANCER, COMPOSITIONS AND
; TITLE OF INVENTION: METHODS OF SCREENING FOR MODULATORS OF METASTATIC CANCER
; FILE REFERENCE: file
; CURRENT APPLICATION NUMBER: US/10/756,149
; CURRENT FILING DATE: 2004-01-12
; NUMBER OF SEQ ID NOS: 5818
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5261
; LENGTH: 1531
; TYPE: PRT
; ORGANISM: Homo Sapiens

US-10-756-149-5261

Query Match 100.0%; Score 49; DB 18; Length 1531;
Best Local Similarity 100.0%; Pred. No. 2.8; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

Qy 1 FLYDDNQRV 9
Db 828 FLYDDNQRV 836

RESULT 15

US-10-745-237-268
; Sequence 268, Application US/10745237
; Publication No. US20050227301A1
; GENERAL INFORMATION:
; APPLICANT: Cyclacel Limited
; APPLICANT: Glover, David
; APPLICANT: Bell, Graham
; APPLICANT: Frenz, Lisa
; APPLICANT: Midgley, Carol
; TITLE OF INVENTION: Cell Cycle Progression Proteins
; FILE REFERENCE: P015819WO CVK
; CURRENT APPLICATION NUMBER: US/10/745,237
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: US 60/439,123
; PRIOR FILING DATE: 2003-01-10
; PRIOR APPLICATION NUMBER: US 60/468,402
; PRIOR FILING DATE: 2003-05-06
; NUMBER OF SEQ ID NOS: 600
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 268
; LENGTH: 1531
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: P11388
US-10-745-237-268

Query Match 100.0%; Score 49; DB 18; Length 1531;
Best Local Similarity 100.0%; Pred. No. 2.8; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

Qy 1 FLYDDNQRV 9
Db 828 FLYDDNQRV 836

RESULT 16

US-10-296-115-1161
; Sequence 1161, Application US/10296115
; Publication No. US20040053248A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq Inc
; TITLE OF INVENTION: No. US20040053248A1el Nucleic Acids and Polypeptides
; FILE REFERENCE: 784PCT
; CURRENT APPLICATION NUMBER: US/10/296,115
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US09/488,725
; PRIOR FILING DATE: 2000-01-21
; PRIOR APPLICATION NUMBER: US09/552,317
; PRIOR FILING DATE: 2000-04-25
; NUMBER OF SEQ ID NOS: 1478
; SEQ ID NO 1161
; LENGTH: 1621
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)...(1621)
; OTHER INFORMATION: Xaa = any amino acid or other as shown in Table 3
US-10-296-115-1161

Query Match 100.0%; Score 49; DB 15; Length 1621;
Best Local Similarity 100.0%; Pred. No. 3;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
| | | | | | | | | |
Db 844 FLYDDNQRV 852

RESULT 17

US-10-408-765A-3017
; Sequence 3017, Application US/10408765A
; Publication No. US20040101874A1
; GENERAL INFORMATION:
; APPLICANT: Ghosh, Soumitra S.
; APPLICANT: Fahy, Eoin D.
; APPLICANT: Zhang, Bing
; APPLICANT: Gibson, Bradford W.
; APPLICANT: Taylor, Steven W.
; APPLICANT: Glenn, Gary M.
; APPLICANT: Warnock, Dale E.
; TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
; TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
; FILE REFERENCE: 660088.465
; CURRENT APPLICATION NUMBER: US/10/408,765A
; CURRENT FILING DATE: 2003-04-04
; NUMBER OF SEQ ID NOS: 3077
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3017
; LENGTH: 1626
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-408-765A-3017

Query Match 100.0%; Score 49; DB 16; Length 1626;
Best Local Similarity 100.0%; Pred. No. 3;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
| | | | | | | | | |
Db 849 FLYDDNQRV 857

RESULT 18

US-10-745-237-270
; Sequence 270, Application US/10745237
; Publication No. US20050227301A1
; GENERAL INFORMATION:
; APPLICANT: Cyclacel Limited
; APPLICANT: Glover, David
; APPLICANT: Bell, Graham
; APPLICANT: Frenz, Lisa
; APPLICANT: Midgley, Carol
; TITLE OF INVENTION: Cell Cycle Progression Proteins
; FILE REFERENCE: P015819W0 CYK
; CURRENT APPLICATION NUMBER: US/10/745,237
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: US 60/439,123
; PRIOR FILING DATE: 2003-01-10
; PRIOR APPLICATION NUMBER: US 60/468,402
; PRIOR FILING DATE: 2003-05-06
; NUMBER OF SEQ ID NOS: 600
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 270
; LENGTH: 1626
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Q02880
US-10-745-237-270

Query Match 100.0%; Score 49; DB 19; Length 1626;
Best Local Similarity 100.0%; Pred. No. 3;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 FLYDDNQRV 9
| | | | | | | | | |
Db 849 FLYDDNQRV 857

RESULT 19

US-10-369-493-5435
; Sequence 5435, Application US/10369493
; Publication No. US20030233675A1
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xianfeng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
; FILE REFERENCE: 38-10(52052)B
; CURRENT APPLICATION NUMBER: US/10/369,493
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/360,039
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 5435
; LENGTH: 816
; TYPE: PRT
; ORGANISM: Caenorhabditis elegans
US-10-369-493-5435

Query Match 81.6%; Score 40; DB 15; Length 816;
Best Local Similarity 66.7%; Pred. No. 72;
Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
| | | | | | | | | |
Db 436 FLYEENQRI 444

RESULT 20

US-10-369-493-5596
; Sequence 5596, Application US/10369493
; Publication No. US20030233675A1
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xianfeng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
; FILE REFERENCE: 38-10(52052)B
; CURRENT APPLICATION NUMBER: US/10/369,493
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/360,039
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 5596
; LENGTH: 1520
; TYPE: PRT
; ORGANISM: Caenorhabditis elegans
US-10-369-493-5596

Query Match 81.6%; Score 40; DB 15; Length 1520;
Best Local Similarity 66.7%; Pred. No. 1.4e+02;
Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
| | | | | | | | | |
Db 863 FLYEENQRI 871

RESULT 21
US-10-369-493-5597
; Sequence 5597, Application US/10369493
; Publication No. US20030233675A1
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xianfeng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
; FILE REFERENCE: 38-10(52052)B
; CURRENT APPLICATION NUMBER: US/10/369,493
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/360,039
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 5597
; LENGTH: 1520
; TYPE: PRT
; ORGANISM: Caenorhabditis elegans
US-10-369-493-5597

Query Match 81.6%; Score 40; DB 15; Length 1520;
Best Local Similarity 66.7%; Pred. No. 1.4e+02;
Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
Db 863 FLYEENQRI 871

RESULT 22
US-10-891-972-24
; Sequence 24, Application US/10891972
; Publication No. US20050065327A1
; GENERAL INFORMATION:
; APPLICANT: Monk, Phillip David
; APPLICANT: Jermtus, Lutz
; APPLICANT: Shorrock, Celia Patricia
; APPLICANT: Minter, Ralph Raymond
; TITLE OF INVENTION: HUMAN ANTIBODY MOLECULES FOR IL-13
; FILE REFERENCE: 05569.0008.NPUS03
; CURRENT APPLICATION NUMBER: US/10/891,972
; CURRENT FILING DATE: 2004-07-15
; PRIOR APPLICATION NUMBER: US 60/487,512
; PRIOR FILING DATE: 2003-07-15
; PRIOR APPLICATION NUMBER: US 60/558,216
; PRIOR FILING DATE: 2004-03-31
; PRIOR APPLICATION NUMBER: US 60/573,791
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: GB 0407315.1
; PRIOR FILING DATE: 2004-03-31
; NUMBER OF SEQ ID NOS: 172
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 24
; LENGTH: 110
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: LIGHT CHAIN DOMAIN OF BAK167A11
US-10-891-972-24

Query Match 75.5%; Score 37; DB 17; Length 110;
Best Local Similarity 85.7%; Pred. No. 30;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
Db 49 IYDDNQR 55

RESULT 23
US-10-891-972-34
; Sequence 34, Application US/10891972
; Publication No. US20050065327A1
; GENERAL INFORMATION:
; APPLICANT: Monk, Phillip David
; APPLICANT: Jermtus, Lutz
; APPLICANT: Shorrock, Celia Patricia
; APPLICANT: Minter, Ralph Raymond
; TITLE OF INVENTION: HUMAN ANTIBODY MOLECULES FOR IL-13
; FILE REFERENCE: 05569.0008.NPUS03
; CURRENT APPLICATION NUMBER: US/10/891,972
; CURRENT FILING DATE: 2004-07-15
; PRIOR APPLICATION NUMBER: US 60/487,512
; PRIOR FILING DATE: 2003-07-15
; PRIOR APPLICATION NUMBER: US 60/558,216
; PRIOR FILING DATE: 2004-03-31
; PRIOR APPLICATION NUMBER: US 60/573,791
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: GB 0407315.1
; PRIOR FILING DATE: 2004-03-31
; NUMBER OF SEQ ID NOS: 172
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 34
; LENGTH: 110
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: LIGHT CHAIN DOMAIN OF BAK615E3
US-10-891-972-34

Query Match 75.5%; Score 37; DB 17; Length 110;
Best Local Similarity 85.7%; Pred. No. 30;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
Db 49 IYDDNQR 55

RESULT 24
US-10-779-461-11
; Sequence 11, Application US/10779461
; Publication No. US20040166544A1
; GENERAL INFORMATION:
; APPLICANT: Morton, Philip A
; TITLE OF INVENTION: ANTIBODIES TO c-MET FOR THE TREATMENT OF CANCERS
; FILE REFERENCE: 00980/1
; CURRENT APPLICATION NUMBER: US/10/779,461
; CURRENT FILING DATE: 2004-02-13
; PRIOR APPLICATION NUMBER: 60/447,073
; PRIOR FILING DATE: 2003-02-13
; NUMBER OF SEQ ID NOS: 161
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11
; LENGTH: 250
; TYPE: PRT
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: phage display generated human antibody
US-10-779-461-11

Query Match 75.5%; Score 37; DB 16; Length 250;
Best Local Similarity 85.7%; Pred. No. 74;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
Db 187 IYDDNQR 193

RESULT 25
US-10-779-461-51

```
; Sequence 51, Application US/10779461
; Publication No. US2004016544A1
; GENERAL INFORMATION:
; APPLICANT: Morton, Philip A
; TITLE OF INVENTION: ANTIBODIES TO c-MET FOR THE TREATMENT OF CANCERS
; FILE REFERENCE: 00980/1
; CURRENT APPLICATION NUMBER: US/10/779,461
; CURRENT FILING DATE: 2004-02-13
; PRIOR APPLICATION NUMBER: 60/447,073
; PRIOR FILING DATE: 2003-02-13
; NUMBER OF SEQ ID NOS: 161
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51
; LENGTH: 251
; TYPE: PRT
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: phage display generated human antibody
US-10-779-461-51

Query Match      75.5%; Score 37; DB 16; Length 251;
Best Local Similarity 85.7%; Pred. No. 75;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      2 LYDDNQ 8
       :|||||
Db      187 IYDDNQ 193

RESULT 26
US-11-097-143-1551
; Sequence 1551, Application US/11097143
; Publication No. US20050208558A1
; GENERAL INFORMATION:
; APPLICANT: Venter, J. Craig
; APPLICANT: et al.
; TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
; TITLE OF INVENTION: ARRAYS FOR DETECTING EXPRESSION OF 10,000 OR MORE
; TITLE OF INVENTION: DROSOPHILA GENES.
; FILE REFERENCE: CU000728
; CURRENT APPLICATION NUMBER: US/11/097,143
; CURRENT FILING DATE: 2005-04-04
; PRIOR APPLICATION NUMBER: 60/157,832
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: 60/160,191
; PRIOR FILING DATE: 1999-10-19
; PRIOR APPLICATION NUMBER: 60/161,932
; PRIOR FILING DATE: 1999-10-28
; PRIOR APPLICATION NUMBER: 60/164,769
; PRIOR FILING DATE: 1999-11-12
; PRIOR APPLICATION NUMBER: 60/173,383
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: 60/175,693
; PRIOR FILING DATE: 2000-01-12
; PRIOR APPLICATION NUMBER: 60/184,831
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: 60/191,637
; PRIOR FILING DATE: 2000-03-23
; NUMBER OF SEQ ID NOS: 43008
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1551
; LENGTH: 385
; TYPE: PRT
; ORGANISM: DROSOPHILA
US-11-097-143-1551

Query Match      75.5%; Score 37; DB 20; Length 385;
Best Local Similarity 77.8%; Pred. No. 1.2e+02;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      1 FLYDDNQ 9
       :|
Db      55 YLTDNQ 63

; Sequence 51, Application US/10779461
; Publication No. US2004016544A1
; GENERAL INFORMATION:
; APPLICANT: Morton, Philip A
; TITLE OF INVENTION: ANTIBODIES TO c-MET FOR THE TREATMENT OF CANCERS
; FILE REFERENCE: 00980/1
; CURRENT APPLICATION NUMBER: US/10/779,461
; CURRENT FILING DATE: 2004-02-13
; PRIOR APPLICATION NUMBER: 60/447,073
; PRIOR FILING DATE: 2003-02-13
; NUMBER OF SEQ ID NOS: 161
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51
; LENGTH: 251
; TYPE: PRT
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: phage display generated human antibody
US-10-779-461-51

Query Match      75.5%; Score 37; DB 16; Length 251;
Best Local Similarity 85.7%; Pred. No. 75;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      2 LYDDNQ 8
       :|||||
Db      187 IYDDNQ 193

RESULT 26
US-11-097-143-1551
; Sequence 1551, Application US/11097143
; Publication No. US20050208558A1
; GENERAL INFORMATION:
; APPLICANT: Venter, J. Craig
; APPLICANT: et al.
; TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
; TITLE OF INVENTION: ARRAYS FOR DETECTING EXPRESSION OF 10,000 OR MORE
; TITLE OF INVENTION: DROSOPHILA GENES.
; FILE REFERENCE: CU000728
; CURRENT APPLICATION NUMBER: US/11/097,143
; CURRENT FILING DATE: 2005-04-04
; PRIOR APPLICATION NUMBER: 60/157,832
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: 60/160,191
; PRIOR FILING DATE: 1999-10-19
; PRIOR APPLICATION NUMBER: 60/161,932
; PRIOR FILING DATE: 1999-10-28
; PRIOR APPLICATION NUMBER: 60/164,769
; PRIOR FILING DATE: 1999-11-12
; PRIOR APPLICATION NUMBER: 60/173,383
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: 60/175,693
; PRIOR FILING DATE: 2000-01-12
; PRIOR APPLICATION NUMBER: 60/184,831
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: 60/191,637
; PRIOR FILING DATE: 2000-03-23
; NUMBER OF SEQ ID NOS: 43008
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1551
; LENGTH: 385
; TYPE: PRT
; ORGANISM: DROSOPHILA
US-11-097-143-1551

Query Match      75.5%; Score 37; DB 20; Length 385;
Best Local Similarity 77.8%; Pred. No. 1.2e+02;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      1 FLYDDNQ 9
       :|
Db      55 YLTDNQ 63

; Sequence 162226, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 162226
; LENGTH: 617
; TYPE: PRT
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_61338C.1.pep
US-10-437-963-162226

Query Match      75.5%; Score 37; DB 16; Length 617;
Best Local Similarity 66.7%; Pred. No. 2e+02;
Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      1 FLYDDNQ 9
       :|||||
Db      249 FLYDDNQ 257

RESULT 28
US-10-425-114-47619
; Sequence 47619, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E.
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 47619
; LENGTH: 83
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: 700045655_FLI.pep
US-10-425-114-47619

Query Match      71.4%; Score 35; DB 15; Length 83;
Best Local Similarity 85.7%; Pred. No. 54;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      2 LYDDNQ 8
       :|||||
Db      39 LYDENOR 45

RESULT 29
```


US-10-282-122A-69066
; Sequence 69066, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari
; APPLICANT: Zyskind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 69066
; LENGTH: 219
; TYPE: PRT
; ORGANISM: Proteus mirabilis
US-10-282-122A-69066

Query Match 71.4%; Score 35; DB 15; Length 219;
Best Local Similarity 75.0%; Pred. No. 1.5e+02;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQR 8
|:|||||
Db 31 FVYDNLNR 38

RESULT 30
US-10-437-963-109620
; Sequence 109620, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated with
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 109620
; LENGTH: 274
; TYPE: PRT
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_13760C.1.pep
US-10-437-963-109620

Query Match 71.4%; Score 35; DB 16; Length 274;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
|:|||||
Db 207 LYDDNKR 213

RESULT 31
US-10-732-923-10167
; Sequence 10167, Application US/10732923
; Publication No. US20050108791A1
; GENERAL INFORMATION:
; APPLICANT: Edgerton, Michael D
; TITLE OF INVENTION: TRANSGENIC PLANTS WITH IMPROVED PHENOTYPES
; FILE REFERENCE: 38-15(52796)C
; CURRENT APPLICATION NUMBER: US/10/732,923
; CURRENT FILING DATE: 2003-12-10
; PRIOR APPLICATION NUMBER: 10/310,154
; PRIOR FILING DATE: 2002-12-04
; NUMBER OF SEQ ID NOS: 24149
; SEQ ID NO 10167
; LENGTH: 396
; TYPE: PRT
; ORGANISM: Fusobacterium nucleatum subsp. nucleatum ATCC 25586
US-10-732-923-10167

Query Match 71.4%; Score 35; DB 17; Length 396;
Best Local Similarity 62.5%; Pred. No. 2.9e+02;
Matches 5; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQR 8
|:|||||
Db 207 FLYDDNDK 214

RESULT 32
US-10-369-493-3569
; Sequence 3569, Application US/10369493
; Publication No. US20030233675A1
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xianfeng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
; TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
; FILE REFERENCE: 38-10(52052)B
; CURRENT APPLICATION NUMBER: US/10/369,493
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/360,039
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 3569
; LENGTH: 441
; TYPE: PRT
; ORGANISM: Neurospora crassa
; FEATURE:
; NAME/KEY: unsure

; LOCATION: (1)...(441)
; OTHER INFORMATION: unsure at all Xaa locations
US-10-369-493-3569

Query Match 71.4%; Score 35; DB 15; Length 441;
Best Local Similarity 55.6%; Pred. No. 3.3e+02;
Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1 FLYDDNQRV 9
Db 422 FMYDPNKKI 430

RESULT 33
US-10-425-115-295784
; Sequence 295784, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE OF INVENTION: Plants
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 295784
; LENGTH: 463
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: MRT4577_32834C.1.pep
US-10-425-115-295784

Query Match 71.4%; Score 35; DB 16; Length 463;
Best Local Similarity 55.6%; Pred. No. 3.5e+02;
Matches 5; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1 FLYDDNQRV 9
Db 315 FLYDNDQKI 323

RESULT 34
US-10-425-115-347738
; Sequence 347738, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE OF INVENTION: Plants
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 347738
; LENGTH: 618
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: MRT4577_80298C.1.pep
US-10-425-115-347738

Query Match 71.4%; Score 35; DB 16; Length 618;
Best Local Similarity 85.7%; Pred. No. 4.8e+02;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 LYDDNQR 8

Db 553 LYDENQR 559
|||:||||

RESULT 35
US-10-425-114-53896
; Sequence 53896, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E.
; APPLICANT: Tabaska, Jack E.
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 53896
; LENGTH: 623
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB3060-049-B7_FLI.pep
US-10-425-114-53896

Query Match 71.4%; Score 35; DB 15; Length 623;
Best Local Similarity 85.7%; Pred. No. 4.8e+02;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 LYDDNQR 8
Db 558 LYDENQR 564
|||:||||

RESULT 36
US-10-369-493-20595
; Sequence 20595, Application US/10369493
; Publication No. US20030233675A1
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xianfeng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
; FILE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
; FILE REFERENCE: 38-10(52052)B
; CURRENT APPLICATION NUMBER: US/10/369,493
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/360,039
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 20595
; LENGTH: 655
; TYPE: PRT
; ORGANISM: Rhodospseudomonas palustris
US-10-369-493-20595

Query Match 71.4%; Score 35; DB 15; Length 655;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FLYDDN 6
Db 175 FLYDDN 180
|||||

RESULT 37
US-10-282-122A-47206

; Sequence 47206, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari
; APPLICANT: Zyskind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47206
; LENGTH: 659
; TYPE: PRT
; ORGANISM: Borrelia burgdorferi
US-10-282-122A-47206

Query Match 71.4%; Score 35; DB 15; Length 659;
Best Local Similarity 62.5%; Pred. No. 5.1e+02;
Matches 5; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Oy 2 LYDDNORV 9
Db 113 IYDDNDRI 120

RESULT 38
US-10-156-761-9305
; Sequence 9305, Application US/10156761
; Publication No. US20030119018A1
; GENERAL INFORMATION:
; APPLICANT: OMURA, SATOSHI
; APPLICANT: IKEDA, HARUO
; APPLICANT: ISHIKAWA, JUN
; APPLICANT: HORIKAWA, HIROSHI
; APPLICANT: SHIBA, TADAYOSHI
; APPLICANT: SAKAKI, YOSHIYUKI
; APPLICANT: HATTORI, MASAHIRA
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
; FILE REFERENCE: 249-262
; CURRENT APPLICATION NUMBER: US/10/156,761
; CURRENT FILING DATE: 2002-05-29

; PRIOR APPLICATION NUMBER: JP 2001-204089
; PRIOR FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: JP 2001-272697
; PRIOR FILING DATE: 2001-08-02
; NUMBER OF SEQ ID NOS: 15109
; SEQ ID NO 9305
; LENGTH: 693
; TYPE: PRT
; ORGANISM: Streptomyces avermitilis
US-10-156-761-9305

Query Match 71.4%; Score 35; DB 14; Length 693;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 FLYDDN 6
Db 196 FLYDDN 201

RESULT 39
US-10-282-122A-68528
; Sequence 68528, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari
; APPLICANT: Zyskind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 68528
; LENGTH: 843
; TYPE: PRT
; ORGANISM: Proteus mirabilis
US-10-282-122A-68528

Query Match 71.4%; Score 35; DB 15; Length 843;
Best Local Similarity 62.5%; Pred. No. 6.7e+02;
Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 FLYDDNQR 8
      :||:||||:
Db      475 YLYEDNQK 482

RESULT 40
US-10-437-963-189782
; Sequence 189782, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazov, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated with
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437.963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 189782
; LENGTH: 2122
; TYPE: PRT
; ORGANISM: Oryza sativa
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(2122)
; OTHER INFORMATION: unsure at all xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_86258C.1.pep
US-10-437-963-189782

Query Match      71.4%; Score 35; DB 16; Length 2122;
Best Local Similarity 55.6%; Pred. No. 1.8e+03;
Matches 5; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy      1 FLYDDNQRV 9
      :|||:|:|:
Db      1957 FLYDNDQKI 1965

RESULT 41
US-10-424-599-182919
; Sequence 182919, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J
; APPLICANT: Kovalic, David K
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated with
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424.599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 182919
; LENGTH: 78
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(78)
; OTHER INFORMATION: unsure at all xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_13618C.1.pep
US-10-424-599-182919
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Query Match      69.4%; Score 34; DB 15; Length 78;
Best Local Similarity 85.7%; Pred. No. 78;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      2 LYDDNQR 8
      :||:|:|:
Db      66 LYDNNQR 72

RESULT 42
US-10-450-763-33539
; Sequence 33539, Application US/10450763
; Publication No. US20050196754A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
; FILE REFERENCE: 790CIP3/US
; CURRENT APPLICATION NUMBER: US/10/450.763
; CURRENT FILING DATE: 2003-06-11
; PRIOR APPLICATION NUMBER: PCT/US01/08631
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: 09/540,217
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: 09/649,167
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 60736
; SOFTWARE: Custom
; SEQ ID NO 33539
; LENGTH: 158
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-450-763-33539

Query Match      69.4%; Score 34; DB 18; Length 158;
Best Local Similarity 85.7%; Pred. No. 1.7e+02;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      3 YDDNQRV 9
      :|||:|:|:
Db      71 YDDHQRV 77

RESULT 43
US-10-450-763-50354
; Sequence 50354, Application US/10450763
; Publication No. US20050196754A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
; FILE REFERENCE: 790CIP3/US
; CURRENT APPLICATION NUMBER: US/10/450.763
; CURRENT FILING DATE: 2003-06-11
; PRIOR APPLICATION NUMBER: PCT/US01/08631
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: 09/540,217
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: 09/649,167
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 60736
; SOFTWARE: Custom
; SEQ ID NO 50354
; LENGTH: 158
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-450-763-50354

Query Match      69.4%; Score 34; DB 18; Length 158;
Best Local Similarity 85.7%; Pred. No. 1.7e+02;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      3 YDDNQRV 9
      :|||:|:|:
Db      71 YDDHQRV 77
```

```

; GENERAL INFORMATION:
; APPLICANT: Venter, J. Craig
; APPLICANT: et al.
; TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
; TITLE OF INVENTION: ARRAYS FOR DETECTING EXPRESSION OF 10,000 OR MORE
; TITLE OF INVENTION: DROSOPHILA GENES.
; FILE REFERENCE: CL000728
; CURRENT APPLICATION NUMBER: US/11/097,143
; CURRENT FILING DATE: 2005-04-04
; PRIOR APPLICATION NUMBER: 60/157,832
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: 60/160,191
; PRIOR FILING DATE: 1999-10-19
; PRIOR APPLICATION NUMBER: 60/161,932
; PRIOR FILING DATE: 1999-10-28
; PRIOR APPLICATION NUMBER: 60/164,769
; PRIOR FILING DATE: 1999-11-12
; PRIOR APPLICATION NUMBER: 60/173,383
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: 60/175,693
; PRIOR FILING DATE: 2000-01-12
; PRIOR APPLICATION NUMBER: 60/184,831
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: 60/191,637
; PRIOR FILING DATE: 2000-03-23
; NUMBER OF SEQ ID NOS: 43008
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 42144
; LENGTH: 340
; TYPE: PRT
; ORGANISM: DROSOPHILA
US-11-097-143-42144

Query Match          69.4%; Score 34; DB 20; Length 340;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
Db 83 LYDDNNR 89

RESULT 47
US-10-425-115-351465
; Sequence 351465, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 351465
; LENGTH: 388
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: MRT4577_83700C.1.pep
US-10-425-115-351465

Query Match          69.4%; Score 34; DB 16; Length 388;
Best Local Similarity 55.6%; Pred. No. 4.5e+02;
Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
Db 20 FLYDDDYKI 28

US-10-767-701-35086
; Sequence 35086, Application US/10767701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement
; FILE REFERENCE: 38-21(53535)B
; CURRENT APPLICATION NUMBER: US/10/767,701
; CURRENT FILING DATE: 2004-01-29
; NUMBER OF SEQ ID NOS: 63128
; SEQ ID NO 35086
; LENGTH: 223
; TYPE: PRT
; ORGANISM: Sorghum bicolor
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)-(223)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: SORBI-28MAY03-C58752_1.pep
US-10-767-701-35086

Query Match          69.4%; Score 34; DB 16; Length 223;
Best Local Similarity 55.6%; Pred. No. 2.4e+02;
Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
Db 66 FLYDDDYKI 74

RESULT 45
US-10-425-115-284417
; Sequence 284417, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 284417
; LENGTH: 223
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: MRT4577_22491C.1.pep
US-10-425-115-284417

Query Match          69.4%; Score 34; DB 16; Length 223;
Best Local Similarity 55.6%; Pred. No. 2.4e+02;
Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
Db 175 FLYDDDYKI 183

RESULT 46
US-11-097-143-42144
; Sequence 42144, Application US/11097143
; Publication No. US20050208558A1
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RESULT 48
US-10-425-115-351466
; Sequence 351466, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with
; FILE OF INVENTION: Plants
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 351466
; LENGTH: 463
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(463)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: MRT4577_83701C.1.pcp
US-10-425-115-351466

Query Match 69.4%; Score 34; DB 16; Length 463;
Best Local Similarity 55.6%; Pred. No. 5.4e+02;
Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
Db 187 FLYDDYKI 195
|||||: ::

RESULT 49
US-09-738-626-6678
; Sequence 6678, Application US/09738626
; Publication No. US20020197605A1
; GENERAL INFORMATION:
; APPLICANT: NAKAGAWA, SATOSHI
; APPLICANT: MIZOGUCHI, HIROSHI
; APPLICANT: ANDO, SEIKO
; APPLICANT: HAYASHI, MIKIRO
; APPLICANT: OCHIAI, KEIKO
; APPLICANT: YOKOI, HARUHIKO
; APPLICANT: TATEISHI, NAKO
; APPLICANT: SENOH, AKIHIRO
; APPLICANT: IKEDA, MASATO
; APPLICANT: OZAKI, AKIO
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
; FILE REFERENCE: 249-125
; CURRENT APPLICATION NUMBER: US/09/738,626
; CURRENT FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: JP 99/377484
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: JP 00/159162
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: JP 00/280988
; PRIOR FILING DATE: 2000-08-03
; NUMBER OF SEQ ID NOS: 7059
; SOFTWARE: PatentIn ver. 3.0
; SEQ ID NO 6678
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-09-738-626-6678

Query Match 69.4%; Score 34; DB 9; Length 498;
Best Local Similarity 75.0%; Pred. No. 5.9e+02;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 2 LYDDNQRV 9
Db 442 IYDDNWRV 449
|||||
RESULT 50
US-10-739-930-10196
; Sequence 10196, Application US/10739930
; Publication No. US20040216190A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH
; FILE OF INVENTION: PLANTS AND USES THEREOF FOR PLANT IMPROVEMENT
; FILE REFERENCE: 38-21(53377)B
; CURRENT APPLICATION NUMBER: US/10/739,930
; CURRENT FILING DATE: 2003-12-18
; NUMBER OF SEQ ID NOS: 11088
; SEQ ID NO 10196
; LENGTH: 545
; TYPE: PRT
; ORGANISM: Triticum aestivum
; FEATURE:
; OTHER INFORMATION: Clone ID: TRIAE-23APR03-C29419_1.p
US-10-739-930-10196

Query Match 69.4%; Score 34; DB 16; Length 545;
Best Local Similarity 55.6%; Pred. No. 6.5e+02;
Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
Db 181 FLYDDYKI 189
|||||: ::

Search completed: November 3, 2005, 13:08:09
Job time : 168 secs

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OM protein - protein search, using sw model

Run on: November 3, 2005, 12:41:33 ; Search time 22 Seconds
(without alignments)
30.538 Million cell updates/sec

Title: US-10-006-177-4
Perfect score: 49
Sequence: 1 FLYDDNQRV 9

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Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 100 summaries

Database : Issued Patents AA.*

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6: /cgn2_6/ptodata/1/iaa/backfiles.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	49	100.0	1531	4	US-09-976-594-203
2	43	87.8	142	1	US-08-470-179-30
3	37	75.5	324	4	US-09-270-767-43224
4	36	73.5	189	4	US-09-328-352-6722
5	36	73.5	1665	4	US-09-543-681A-4476
6	35	71.4	233	4	US-09-543-681A-4354
7	35	71.4	855	4	US-09-543-681A-7287
8	34	69.4	235	2	US-08-580-545B-10
9	34	69.4	235	3	US-09-262-653A-10
10	34	69.4	457	4	US-09-248-796A-23295
11	34	69.4	737	4	US-09-902-540-16346
12	33	67.3	64	2	US-08-765-179B-19
13	33	67.3	108	1	US-08-259-372A-10
14	33	67.3	108	1	US-08-468-671-10
15	33	67.3	108	3	US-09-025-769B-20
16	33	67.3	108	4	US-09-490-070A-20
17	33	67.3	108	4	US-09-490-153-20
18	33	67.3	108	4	US-09-490-324-20
19	33	67.3	109	3	US-09-157-370-5
20	33	67.3	113	4	US-09-377-285B-65
21	33	67.3	130	4	US-09-270-767-61055
22	33	67.3	261	4	US-09-902-540-16311
23	33	67.3	522	3	US-08-894-818B-3
24	33	67.3	522	3	US-09-445-472-4
25	33	67.3	522	4	US-10-090-624-4
26	33	67.3	654	3	US-08-894-818B-35
27	33	67.3	654	3	US-09-445-472-16

67.3	654	4	US-10-090-624-16	Sequence 16, Appl
67.3	684	4	US-09-823-240A-9	Sequence 9, Appl
67.3	715	4	US-09-252-991A-27965	Sequence 27965, A
67.3	902	1	US-08-701-846-2	Sequence 2, Appl
67.3	909	3	US-09-025-769B-32	Sequence 32, Appl
65.3	109	3	US-09-025-769B-51	Sequence 51, Appl
65.3	109	4	US-09-490-070A-32	Sequence 32, Appl
65.3	109	4	US-09-490-070A-51	Sequence 51, Appl
65.3	109	4	US-09-490-153-32	Sequence 32, Appl
65.3	109	4	US-09-490-153-51	Sequence 51, Appl
65.3	109	4	US-09-490-324-32	Sequence 32, Appl
65.3	109	4	US-09-490-324-51	Sequence 51, Appl
65.3	234	3	US-09-372-425A-4	Sequence 4, Appl
65.3	242	3	US-08-884-569A-5	Sequence 5, Appl
65.3	280	4	US-09-902-540-13338	Sequence 13338, A
65.3	286	4	US-09-489-039A-10682	Sequence 10682, A
65.3	304	4	US-09-248-796A-10606	Sequence 10606, A
65.3	359	4	US-09-248-796A-14544	Sequence 14544, A
65.3	359	4	US-09-248-796A-17909	Sequence 17909, A
65.3	1584	3	US-09-251-645-6	Sequence 6, Appl
64.3	254	4	US-09-266-965-123	Sequence 123, Appl
64.3	99	4	US-09-107-532A-5802	Sequence 5802, Appl
63.3	112	2	US-08-665-202-39	Sequence 39, Appl
63.3	112	4	US-09-315-574-39	Sequence 39, Appl
63.3	134	4	US-09-270-767-37944	Sequence 37944, A
63.3	134	4	US-09-270-767-53161	Sequence 53161, A
63.3	169	4	US-09-902-540-12065	Sequence 12065, A
63.3	185	4	US-09-543-681A-4349	Sequence 4349, Appl
63.3	335	4	US-09-252-991A-31163	Sequence 31163, A
63.3	335	4	US-09-710-279-1456	Sequence 1456, Appl
63.3	434	4	US-09-107-532A-5801	Sequence 5801, Appl
63.3	446	4	US-09-543-681A-7401	Sequence 7401, Appl
63.3	451	4	US-09-328-352-5145	Sequence 5145, Appl
63.3	471	4	US-09-540-236-3256	Sequence 3256, Appl
63.3	479	4	US-09-710-279-30	Sequence 30, Appl
63.3	501	4	US-09-270-767-44481	Sequence 44481, A
63.3	521	4	US-09-710-279-1486	Sequence 1486, Appl
63.3	557	4	US-09-134-001C-4178	Sequence 4178, Appl
63.3	558	3	US-09-902-540-14034	Sequence 14034, A
63.3	608	4	US-09-252-991A-18037	Sequence 18037, A
63.3	781	4	US-09-543-681A-4365	Sequence 4365, Appl
63.3	845	4	US-09-314-259-21	Sequence 21, Appl
63.3	967	4	US-08-144-121-4	Sequence 4, Appl
63.3	1196	1	US-08-735-893-4	Sequence 4, Appl
63.3	1339	4	US-09-543-681A-7560	Sequence 7560, Appl
63.3	1439	4	US-09-792-616-9	Sequence 9, Appl
63.3	1498	4	US-09-562-702A-16	Sequence 16, Appl
63.3	1765	4	US-09-561-818A-16	Sequence 16, Appl
63.3	1765	4	US-09-562-702A-14	Sequence 14, Appl
63.3	1786	4	US-09-561-818A-14	Sequence 14, Appl
63.3	1786	4	US-09-561-709B-9	Sequence 9, Appl
63.3	1786	4	US-09-538-092-869	Sequence 869, Appl
63.3	1786	4	US-09-134-001C-4218	Sequence 4218, Appl
61.2	144	3	US-09-583-110-2805	Sequence 2805, Appl
61.2	172	4	US-09-107-433-3118	Sequence 3118, Appl
61.2	205	4	US-09-107-532A-5539	Sequence 5539, Appl
61.2	247	4	US-09-489-039A-8725	Sequence 8725, Appl
61.2	304	4	US-09-252-991A-29546	Sequence 29546, A
61.2	334	4	US-08-169-950-2	Sequence 2, Appl
61.2	348	1	US-09-442-349A-107	Sequence 107, Appl
61.2	355	4	US-09-949-016-11528	Sequence 11528, A
61.2	358	4	US-09-270-767-61739	Sequence 61739, A
61.2	422	4	US-08-482-934A-12	Sequence 12, Appl
61.2	438	4	US-09-540-236-3670	Sequence 3670, Appl
61.2	477	4	US-09-270-767-40203	Sequence 40203, A
61.2	493	4	US-09-270-767-55419	Sequence 55419, A
61.2	493	4	US-09-071-035-68	Sequence 68, Appl
61.2	513	4	US-09-910-174B-9	Sequence 9, Appl
61.2	526	4	US-09-620-461-9	Sequence 9, Appl
61.2	526	4	US-09-949-016-6122	Sequence 6122, Appl
61.2	532	4	US-09-071-035-66	Sequence 66, Appl
61.2	540	4	US-09-949-016-11644	Sequence 11644, A
61.2	540	4	US-08-956-171E-5247	Sequence 5247, Appl

ALIGNMENTS

```
RESULT 1
US-09-976-594-203
; Sequence 203, Application US/09976594
; Patent No. 6673549
; GENERAL INFORMATION:
; APPLICANT: Furness, Michael
; APPLICANT: Buchbinder, Jenny
; TITLE OF INVENTION: GENES EXPRESSED IN C3A LIVER CELL CULTURES TREATED WITH STEROIDS
; FILE REFERENCE: PA-0041 US
; CURRENT APPLICATION NUMBER: US/09/976,594
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/240,409
; PRIOR FILING DATE: 2000-10-12
; NUMBER OF SEQ ID NOS: 1143
; SOFTWARE: PERL Program
; SEQ ID NO 203
; LENGTH: 1531
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. 6673549 1867417CD1
US-09-976-594-203

Query Match      100.0%; Score 49; DB 4; Length 1531;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches      9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 FLYDDNQRV 9
Db      828 FLYDDNQRV 836

RESULT 2
US-08-470-179-30
; Sequence 30, Application US/08470179
; Patent No. 5645994
; GENERAL INFORMATION:
; APPLICANT: Huang Ph.D, Wai Mun
; TITLE OF INVENTION: Method and Compositions for
; TITLE OF INVENTION: Identification of Species in a Sample
; NUMBER OF SEQUENCES: 207
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Trask, Britt and Rossa
; STREET: P.O. Box 2550
; CITY: Salt Lake City
; STATE: Utah
; COUNTRY: USA
; ZIP: 84110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/470,179
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sweigert Ph.D, Susan E.
; REGISTRATION NUMBER: 36,289
; REFERENCE/DOCKET NUMBER: 2601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 801-532-1922
; TELEFAX: 801-531-9168
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 142 amino acids
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; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: not relevant
; MOLECULE TYPE: protein
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens sapiens
US-08-470-179-30

Query Match      87.8%; Score 43; DB 1; Length 142;
Best Local Similarity 100.0%; Pred. No. 1.2;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2 LYDDNQRV 9
Db      110 LYDDNQRV 117

RESULT 3
US-270-767-43224
; Sequence 43224, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 43224
; LENGTH: 324
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-270-767-43224

Query Match      75.5%; Score 37; DB 4; Length 324;
Best Local Similarity 77.8%; Pred. No. 35;
Matches      7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy      1 FLYDDNQRV 9
Db      59 YLTDNQRV 67

RESULT 4
US-09-328-352-6722
; Sequence 6722, Application US/09328352
; Patent No. 6562958
; GENERAL INFORMATION:
; APPLICANT: Gary L. Breton et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
; FILE REFERENCE: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: GTC99-03PA
; CURRENT APPLICATION NUMBER: US/09/328,352
; CURRENT FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 8252
; SEQ ID NO 6722
; LENGTH: 189
; TYPE: PRT
; ORGANISM: Acinetobacter baumannii
US-09-328-352-6722

Query Match      73.5%; Score 36; DB 4; Length 189;
Best Local Similarity 85.7%; Pred. No. 31;
Matches      6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      3 YDDNQRV 9
Db      108 YDDNQRV 114
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RESULT 5
US-09-543-681A-4476
; Sequence 4476, Application US/09543681A
; Patent No. 6605709
; ORGANISM: Proteus mirabilis
; GENERAL INFORMATION:
; APPLICANT: GARY BRETON
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS
; FILE REFERENCE: 2709.1002-001
; CURRENT APPLICATION NUMBER: US/09/543,681A
; CURRENT FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: US 60/128,706
; PRIOR FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 8344
; SEQ ID NO 4476
; LENGTH: 1665
; TYPE: PRT
; ORGANISM: Proteus mirabilis
US-09-543-681A-4476

Query Match 73.5%; Score 36; DB 4; Length 1665;
Best Local Similarity 66.7%; Pred. No. 2.9e+02;
Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQV 9
Db 723 FLYDDYQRM 731

RESULT 6
US-09-543-681A-4354
; Sequence 4354, Application US/09543681A
; Patent No. 6605709
; ORGANISM: Proteus mirabilis
; GENERAL INFORMATION:
; APPLICANT: GARY BRETON
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS
; FILE REFERENCE: 2709.1002-001
; CURRENT APPLICATION NUMBER: US/09/543,681A
; CURRENT FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: US 60/128,706
; PRIOR FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 8344
; SEQ ID NO 4354
; LENGTH: 233
; TYPE: PRT
; ORGANISM: Proteus mirabilis
US-09-543-681A-4354

Query Match 71.4%; Score 35; DB 4; Length 233;
Best Local Similarity 75.0%; Pred. No. 58;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQV 8
Db 45 FVYDDNLR 52

RESULT 7
US-09-543-681A-7287
; Sequence 7287, Application US/09543681A
; Patent No. 6605709
; ORGANISM: Proteus mirabilis
; GENERAL INFORMATION:
; APPLICANT: GARY BRETON
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS
; FILE REFERENCE: 2709.1002-001
; CURRENT APPLICATION NUMBER: US/09/543,681A
; CURRENT FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: US 60/128,706
; PRIOR FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 8344
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; SEQ ID NO 7287
; LENGTH: 855
; TYPE: PRT
; ORGANISM: Proteus mirabilis
US-09-543-681A-7287

Query Match 71.4%; Score 35; DB 4; Length 855;
Best Local Similarity 62.5%; Pred. No. 2.2e+02;
Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQV 8
Db 487 FLYEDNOK 494

RESULT 8
US-08-580-545B-10
; Sequence 10, Application US/08580545B
; Patent No. 5932713
; GENERAL INFORMATION:
; APPLICANT: Yoshihisa, Kasukabe
; APPLICANT: Koichi, Fujisawa
; APPLICANT: Susumu, Nishiguchi
; APPLICANT: Yoshihiko, Maekawa
; APPLICANT: Randy, Allen
; TITLE OF INVENTION: COTTON FIBER TISSUE-SPECIFIC GENES
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 601 Thirteenth Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/580,545B
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Bretschneider, Barry E.
; REGISTRATION NUMBER: 28,055
; REFERENCE/DOCKET NUMBER: 04473/068001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202/783-5070
; TELEFAX: 202/783-2331
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 235 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-580-545B-10

Query Match 69.4%; Score 34; DB 2; Length 235;
Best Local Similarity 62.5%; Pred. No. 90;
Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQV 8
Db 121 FVYEENQR 128

RESULT 9
US-09-262-653A-10
; Sequence 10, Application US/09262653A
; Patent No. 6166294
; GENERAL INFORMATION:
; APPLICANT: Yoshihisa, Kasukabe
```

APPLICANT: Koichi, Fujisawa
APPLICANT: Susumu, Nishiguchi
APPLICANT: Yoshihiko, Maekawa
APPLICANT: Randy, Allen
TITLE OF INVENTION: COTTON FIBER TISSUE-SPECIFIC GENES
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 601 Thirteenth Street, NW
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/262,653A
FILING DATE:
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Bretschneider, Barry E.
REGISTRATION NUMBER: 28,055
REFERENCE/DOCKET NUMBER: 04473/068001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202/783-5070
TELEFAX: 202/783-2331
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 235 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-262-653A-10

Query Match 69.4%; Score 34; DB 3; Length 235;
Best Local Similarity 62.5%; Pred. No. 90;
Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1 FLYDDNQR 8
: : : : :
Db 121 FVYENQR 128

RESULT 10
US-09-248-796A-23295
Sequence 23295, Application US/09248796A
Patent No. 6747137
GENERAL INFORMATION:
APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICANS
FILE REFERENCE: 107196.132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR FILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 23295
LENGTH: 457
TYPE: PRT
ORGANISM: Candida albicans
US-09-248-796A-23295

Query Match 69.4%; Score 34; DB 4; Length 457;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 LYDDNQ 7

Db 162 LYDDNQ 167
: : : : :
RESULT 11
US-09-902-540-16346
Sequence 16346, Application US/09902540
Patent No. 6833447
GENERAL INFORMATION:
APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof
FILE REFERENCE: 38-10(15849)B
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 60/217,883
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
SEQ ID NO 16346
LENGTH: 737
TYPE: PRT
ORGANISM: Myxococcus xanthus
US-09-902-540-16346

Query Match 69.4%; Score 34; DB 4; Length 737;
Best Local Similarity 55.6%; Pred. No. 2.9e+02;
Matches 5; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1 FLYDDNQR 9
: : : : :
Db 394 YIWDDSORV 402

RESULT 12
US-08-765-179B-19
Sequence 19, Application US/08765179B
Patent No. 5854027
GENERAL INFORMATION:
APPLICANT: STEIPE, Boris
APPLICANT: STEINBACHER, Stefan
TITLE OF INVENTION: PROCESS FOR MODIFYING THE STABILITY
TITLE OF INVENTION: OF ANTIBODIES
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP
STREET: 655 Fifteenth Street N.W. Suite 330
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005-5701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,179B
FILING DATE: 14-JAN-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP95/02626
FILING DATE: 06-JUL-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE P 44 25 115.7
FILING DATE: 15-JUL-1994
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 64 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear

; MOLECULE TYPE: protein
US-08-765-179B-19

Query Match 67.3%; Score 33; DB 2; Length 64;
Best Local Similarity 71.4%; Pred. No. 36;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
:||||:|
Db 17 IYDDNKR 23

RESULT 13

US-08-259-372A-10
; Sequence 10, Application US/08259372A
; Patent No. 5565354
; GENERAL INFORMATION:
; APPLICANT: Ostberg, Lars G.
; TITLE OF INVENTION: PRODUCTION OF HUMAN MONOCLONAL
; TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR HEPATITIS B SURFACE ANTIGEN
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/259,372A
; FILING DATE: 14-JUN-1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/871,426
; FILING DATE: 21-APR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/676,036
; FILING DATE: 27-MAR-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/538,796
; FILING DATE: 15-JUN-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/192,754
; FILING DATE: 11-MAY-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 06/925,196
; FILING DATE: 31-OCT-1986
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 06/904,517
; FILING DATE: 05-SEP-1986
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M.
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 11823-50-7
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-259-372A-10

Query Match 67.3%; Score 33; DB 1; Length 108;
Best Local Similarity 71.4%; Pred. No. 62;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
:||||:|
Db 47 VYDDNER 53

RESULT 14

US-08-468-671-10
; Sequence 10, Application US/08468671
; Patent No. 5648077
; GENERAL INFORMATION:
; APPLICANT: Ostberg, Lars G.
; TITLE OF INVENTION: PRODUCTION OF HUMAN MONOCLONAL
; TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR HEPATITIS B SURFACE ANTIGEN
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/468,671
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/259,372
; FILING DATE: 14-JUN-1994
; APPLICATION NUMBER: US 07/871,426
; FILING DATE: 21-APR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/676,036
; FILING DATE: 27-MAR-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/538,796
; FILING DATE: 15-JUN-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/192,754
; FILING DATE: 11-MAY-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 06/925,196
; FILING DATE: 31-OCT-1986
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 06/904,517
; FILING DATE: 05-SEP-1986
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M.
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 11823-50-7
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-468-671-10

Query Match 67.3%; Score 33; DB 1; Length 108;
Best Local Similarity 71.4%; Pred. No. 62;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
:||||:|
Db 47 VYDDNER 53

```
RESULT 15
US-09-025-769B-20
; Sequence 20, Application US/09025769B
; Patent No. 6300064
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; APPLICANT: Pack, Peter
; APPLICANT: Ilag, Vic
; APPLICANT: Ge, Liming
; APPLICANT: Moroney, Simon
; APPLICANT: Plueckthun, Andreas
; TITLE OF INVENTION: Protein/(poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10021
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/025,769B
; FILING DATE: 18-FEB-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: James F. Haley, Jr., Esq.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: MORPHO/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)596-9000
; TELEFAX: (212)596-9090
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-025-769B-20

Query Match 67.3%; Score 33; DB 3; Length 108;
Best Local Similarity 71.4%; Pred. No. 62;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
Db 46 IYDDNKR 52

RESULT 16
US-09-490-070A-20
; Sequence 20, Application US/09490070A
; Patent No. 6596248
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; APPLICANT: Pack, Peter
; APPLICANT: Ilag, Vic
; APPLICANT: Ge, Liming
; APPLICANT: Moroney, Simon
; APPLICANT: Plueckthun, Andreas
; TITLE OF INVENTION: Protein/(poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Colin G. Sandercock, Esq. c/o Heller Ehrman
```

```
; White & McAuliffe
; STREET: 1666 K Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20006
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/490,070A
; FILING DATE: 24-Jan-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Colin G. Sandercock, Esq.
; REGISTRATION NUMBER: 31,298
; REFERENCE/DOCKET NUMBER: 37629-0005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 912-2020
; TELEFAX: (202) 912-2020
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 20:
US-09-490-070A-20

Query Match 67.3%; Score 33; DB 4; Length 108;
Best Local Similarity 71.4%; Pred. No. 62;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
Db 46 IYDDNKR 52

RESULT 17
US-09-490-153-20
; Sequence 20, Application US/09490153
; Patent No. 6706484
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; APPLICANT: Pack, Peter
; APPLICANT: Ilag, Vic
; APPLICANT: Ge, Liming
; APPLICANT: Moroney, Simon
; APPLICANT: Plueckthun, Andreas
; TITLE OF INVENTION: Protein/(Poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10021
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/490,153
; FILING DATE: 24-Jan-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/025,769B
```

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;
; FILING DATE: 18-FEB-1998
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: James F. Haley, Jr., Esq.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: MORPHO/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)596-9000
; TELEFAX: (212)596-9090
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 20:
US-09-490-153-20

Query Match 67.3%; Score 33; DB 4; Length 108;
Best Local Similarity 71.4%; Pred. No. 62;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
Db 46 IYDDNKR 52

RESULT 18
US-09-490-324-20
; Sequence 20, Application US/09490324
; Patent No. 6828422
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; Pack, Peter
; Haag, Vic
; Ge, Liming
; Moroney, Simon
; Plueckthun, Andreas
; TITLE OF INVENTION: Protein/(Poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10021
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/490,324
; FILING DATE: 24-Jan-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/025,769
; FILING DATE: 18-FEB-1998
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: James F. Haley, Jr., Esq.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: MORPHO/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)596-9000
; TELEFAX: (212)596-9090
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 20:
US-09-490-324-20

Query Match 67.3%; Score 33; DB 4; Length 108;
Best Local Similarity 71.4%; Pred. No. 62;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
Db 46 IYDDNKR 52

RESULT 19
US-09-157-370-5
; Sequence 5, Application US/09157370A
; Patent No. 6262238
; GENERAL INFORMATION:
; APPLICANT: STEINBACHER, Boris
; TITLE OF INVENTION: PROCESS FOR MODIFYING THE STABILITY OF ANTIBODIES
; FILE REFERENCE: P8341-8072
; CURRENT APPLICATION NUMBER: US/09/157,370A
; CURRENT FILING DATE: 1998-09-21
; EARLIER APPLICATION NUMBER: 08/765,179
; EARLIER FILING DATE: 1997-01-14
; EARLIER APPLICATION NUMBER: PCT/EP95/02626
; EARLIER FILING DATE: 1995-07-06
; EARLIER APPLICATION NUMBER: DE/P44 25 115.7
; EARLIER FILING DATE: 1994-07-15
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 109
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-157-370-5

Query Match 67.3%; Score 33; DB 3; Length 109;
Best Local Similarity 71.4%; Pred. No. 62;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
Db 47 IYDDNKR 53

RESULT 20
US-09-377-285B-65
; Sequence 65, Application US/09377285B
; Patent No. 6720175
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; APPLICANT: WORLEY, Paul
; APPLICANT: TU, Jian
; APPLICANT: XIAO, Bo
; APPLICANT: LEAHY, Daniel
; APPLICANT: BENKEN, Jutta
; APPLICANT: LANAHAN, Anthony
; TITLE OF INVENTION: NUCLEIC ACID MOLECULE ENCODING HOMER 1b PROTEIN (AS AMENDED)
; FILE REFERENCE: JHU1580-4
; CURRENT APPLICATION NUMBER: US/09/377,285B
; CURRENT FILING DATE: 1999-08-18
; PRIOR APPLICATION NUMBER: US 60/138,426
; PRIOR FILING DATE: 1999-06-10
; PRIOR APPLICATION NUMBER: US 60/138,493
; PRIOR FILING DATE: 1999-06-10
; PRIOR APPLICATION NUMBER: US 60/138,494
; PRIOR FILING DATE: 1999-06-10
; PRIOR APPLICATION NUMBER: US 60/097,334
; PRIOR FILING DATE: 1998-08-18
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; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 65
; LENGTH: 113
; TYPE: PRT
; ORGANISM: Drosophila
US-09-377-2858-65

Query Match 67.3%; Score 33; DB 4; Length 113;
Best Local Similarity 71.4%; Pred. No. 65;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDDNQ 8
Db 15 VYDDNQ 21

RESULT 21
US-09-270-767-61055
; Sequence 61055, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1998-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 61055
; LENGTH: 130
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-270-767-61055

Query Match 67.3%; Score 33; DB 4; Length 130;
Best Local Similarity 75.0%; Pred. No. 75;
Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 8
Db 90 FLYDTNQR 97

RESULT 22
US-09-902-540-16311
; Sequence 16311, Application US/09902540
; Patent No. 6833447
; GENERAL INFORMATION:
; APPLICANT: Goldman, Barry S.
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Wiegand, Roger C.
; TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15849)B
; CURRENT APPLICATION NUMBER: US/09/902,540
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 60/217,883
; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 16925
; SEQ ID NO 16311
; LENGTH: 261
; TYPE: PRT
; ORGANISM: Myxococcus xanthus
US-09-902-540-16311

Query Match 67.3%; Score 33; DB 4; Length 261;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDN 6
Db 46 FLYDDN 51

RESULT 23
US-08-894-818B-3
; Sequence 3, Application US/08894818B
; Patent No. 6261822
; GENERAL INFORMATION:
; APPLICANT: TAKAKURA, Hikaru
; APPLICANT: MORISHITA, Mio
; APPLICANT: YAMAMOTO, Katsuhiko
; APPLICANT: MITTA, Masanori
; APPLICANT: ASADA, Kiyozo
; APPLICANT: TSUNASAWA, Susumu
; APPLICANT: KATO, Ikunoshin
; TITLE OF INVENTION: HYPERTHERMOSTABLE PROTEASE GENES
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Browdy and Neimark
; STREET: 419 Seventh Street N.W., Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: United States of America
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/894,818B
; FILING DATE: 20-MAY-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP96/03253
; FILING DATE: 07-NOV-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 323285/1995
; FILING DATE: 12-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Browdy, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: TAKAKURA=1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 628-5197
; TELEFAX: (202) 737-3528
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 522 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FEATURE:
; OTHER INFORMATION: /note= Xaa at position 428 is Gly or Val.
US-08-894-818B-3

Query Match 67.3%; Score 33; DB 3; Length 522;
Best Local Similarity 55.6%; Pred. No. 3.1e+02;
Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 9
Db 467 FLYDPNQKL 475

RESULT 24
US-09-445-472-4
; Sequence 4, Application US/09445472
; Patent No. 6358726
; GENERAL INFORMATION:
; APPLICANT: TAKAKURA, Hikaru
; APPLICANT: MORISHITA, Mio
; APPLICANT: SHIMOJO, Tomoko

APPLICANT: ASADA, Kiyozo
APPLICANT: KATO, Ikunoshin
TITLE OF INVENTION: SYSTEM FOR EXPRESSING HYPERTHERMOSTABLE
FILE REFERENCE: TAKAKURA-6
CURRENT APPLICATION NUMBER: US/09/445,472
CURRENT FILING DATE: 1999-12-06
PRIOR APPLICATION NUMBER: 151969/1997
PRIOR FILING DATE: 1997-06-10
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4
LENGTH: 522
TYPE: PRT
ORGANISM: Pyrococcus furiosus
FEATURE:
NAME/KEY: misc feature
LOCATION: (428)..(428)
OTHER INFORMATION: Xaa at position 428 is Gly or Val.
US-09-445-472-4

Query Match 67.3%; Score 33; DB 3; Length 522;
Best Local Similarity 55.6%; Pred. No. 3.1e+02;
Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
:|||||:
Db 467 YLYDPNQKL 475

RESULT 25
US-10-090-624-4
Sequence 4, Application US/10090624
Patent No. 6783970
GENERAL INFORMATION:
APPLICANT: TAKAKURA, Hikaru
APPLICANT: MORISHITA, Mio
APPLICANT: SHIMOJO, Tomoko
APPLICANT: ASADA, Kiyozo
APPLICANT: KATO, Ikunoshin
TITLE OF INVENTION: SYSTEM FOR EXPRESSING HYPERTHERMOSTABLE
FILE REFERENCE: TAKAKURA-6
CURRENT APPLICATION NUMBER: US/10/090,624
CURRENT FILING DATE: 2002-03-06
PRIOR APPLICATION NUMBER: 09/445,472
PRIOR FILING DATE: 1999-12-06
PRIOR APPLICATION NUMBER: 151969/1997
PRIOR FILING DATE: 1997-06-10
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4
LENGTH: 522
TYPE: PRT
ORGANISM: Pyrococcus furiosus
FEATURE:
NAME/KEY: misc feature
LOCATION: (428)..(428)
OTHER INFORMATION: Xaa at position 428 is Gly or Val.
US-10-090-624-4

Query Match 67.3%; Score 33; DB 4; Length 522;
Best Local Similarity 55.6%; Pred. No. 3.1e+02;
Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
:|||||:
Db 467 YLYDPNQKL 475

RESULT 26
US-08-894-818B-35
Sequence 35, Application US/08894818B
Patent No. 6261822
GENERAL INFORMATION:

APPLICANT: TAKAKURA, Hikaru
APPLICANT: MORISHITA, Mio
APPLICANT: YAMAMOTO, Katsuhiko
APPLICANT: MITTA, Masanori
APPLICANT: ASADA, Kiyozo
APPLICANT: TSUNASAWA, Susumu
APPLICANT: KATO, Ikunoshin
TITLE OF INVENTION: HYPERTHERMOSTABLE PROTEASE GENES
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Browdy and Neimark
STREET: 419 Seventh Street N.W., Ste. 300
CITY: Washington
STATE: D.C.
COUNTRY: United States of America
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/894,818B
FILING DATE: 20-MAY-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/JP96/03253
FILING DATE: 07-NOV-1996
APPLICATION NUMBER: JP 323285/1995
FILING DATE: 12-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: Browdy, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: TAKAKURA-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-5197
TELEFAX: (202) 737-3528
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 654 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-894-818B-35

Query Match 67.3%; Score 33; DB 3; Length 654;
Best Local Similarity 55.6%; Pred. No. 3.9e+02;
Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
:|||||:
Db 599 YLYDPNQKL 607

RESULT 27
US-09-445-472-16
Sequence 16, Application US/09445472
Patent No. 6358726
GENERAL INFORMATION:
APPLICANT: TAKAKURA, Hikaru
APPLICANT: MORISHITA, Mio
APPLICANT: SHIMOJO, Tomoko
APPLICANT: ASADA, Kiyozo
APPLICANT: KATO, Ikunoshin
TITLE OF INVENTION: SYSTEM FOR EXPRESSING HYPERTHERMOSTABLE
FILE REFERENCE: TAKAKURA-6
CURRENT APPLICATION NUMBER: US/09/445,472
CURRENT FILING DATE: 1999-12-06
PRIOR APPLICATION NUMBER: 151969/1997
PRIOR FILING DATE: 1997-06-10
NUMBER OF SEQ ID NOS: 33

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; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16
; LENGTH: 654
; TYPE: PRT
; ORGANISM: Pyrococcus furiosus
US-09-445-472-16

Query Match      67.3%; Score 33; DB 3; Length 654;
Best Local Similarity 55.6%; Pred. No. 3.9e+02;
Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
Db 599 YLYDPNQKL 607

RESULT 28
US-10-090-624-16
; Sequence 16, Application US/10090624
; Patent No. 6783970
; GENERAL INFORMATION:
; APPLICANT: TAKAKURA, Hikaru
; APPLICANT: MORISHITA, Mio
; APPLICANT: SHIMOJO, Tomoko
; APPLICANT: ASADA, Kiyozo
; APPLICANT: KATO, Ikunoshin
; TITLE OF INVENTION: SYSTEM FOR EXPRESSING HYPERTHERMOSTABLE
; FILE REFERENCE: TAKAKURA-6
; CURRENT APPLICATION NUMBER: US/10/090,624
; CURRENT FILING DATE: 2002-03-06
; PRIOR APPLICATION NUMBER: 09/445,472
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 151969/1997
; PRIOR FILING DATE: 1997-06-10
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16
; LENGTH: 654
; TYPE: PRT
; ORGANISM: Pyrococcus furiosus
US-10-090-624-16

Query Match      67.3%; Score 33; DB 4; Length 654;
Best Local Similarity 55.6%; Pred. No. 3.9e+02;
Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
Db 599 YLYDPNQKL 607

RESULT 29
US-09-823-240A-9
; Sequence 9, Application US/09823240A
; Patent No. 6716597
; GENERAL INFORMATION:
; APPLICANT: Frank B. Gertler
; APPLICANT: James E. Bear
; APPLICANT: Jurgen Wehland
; APPLICANT: Joseph Lourio
; TITLE OF INVENTION: Methods and Products for Regulating Cell
; TITLE OF INVENTION: Motility
; FILE REFERENCE: M00656.70064.US
; CURRENT APPLICATION NUMBER: US/09/823,240A
; CURRENT FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: 60/194,564
; PRIOR FILING DATE: 2000-04-03
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 684
; TYPE: PRT
; ORGANISM: Drosophila melanogaster

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16
; LENGTH: 654
; TYPE: PRT
; ORGANISM: Pyrococcus furiosus
US-09-445-472-16

Query Match      67.3%; Score 33; DB 3; Length 654;
Best Local Similarity 55.6%; Pred. No. 3.9e+02;
Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
Db 599 YLYDPNQKL 607

RESULT 28
US-10-090-624-16
; Sequence 16, Application US/10090624
; Patent No. 6783970
; GENERAL INFORMATION:
; APPLICANT: TAKAKURA, Hikaru
; APPLICANT: MORISHITA, Mio
; APPLICANT: SHIMOJO, Tomoko
; APPLICANT: ASADA, Kiyozo
; APPLICANT: KATO, Ikunoshin
; TITLE OF INVENTION: SYSTEM FOR EXPRESSING HYPERTHERMOSTABLE
; FILE REFERENCE: TAKAKURA-6
; CURRENT APPLICATION NUMBER: US/10/090,624
; CURRENT FILING DATE: 2002-03-06
; PRIOR APPLICATION NUMBER: 09/445,472
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 151969/1997
; PRIOR FILING DATE: 1997-06-10
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16
; LENGTH: 654
; TYPE: PRT
; ORGANISM: Pyrococcus furiosus
US-10-090-624-16

Query Match      67.3%; Score 33; DB 4; Length 654;
Best Local Similarity 55.6%; Pred. No. 3.9e+02;
Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
Db 599 YLYDPNQKL 607

RESULT 29
US-09-823-240A-9
; Sequence 9, Application US/09823240A
; Patent No. 6716597
; GENERAL INFORMATION:
; APPLICANT: Frank B. Gertler
; APPLICANT: James E. Bear
; APPLICANT: Jurgen Wehland
; APPLICANT: Joseph Lourio
; TITLE OF INVENTION: Methods and Products for Regulating Cell
; TITLE OF INVENTION: Motility
; FILE REFERENCE: M00656.70064.US
; CURRENT APPLICATION NUMBER: US/09/823,240A
; CURRENT FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: 60/194,564
; PRIOR FILING DATE: 2000-04-03
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 684
; TYPE: PRT
; ORGANISM: Drosophila melanogaster

```


REFERENCE/DOCKET NUMBER: BTI-32
TELEPHONE: (607)273-1711
TELEFAX: (607)273-2609
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 902 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-701-846-2

Query Match 67.3%; Score 33; DB 1; Length 902;
Best Local Similarity 75.0%; Pred. No. 5.5e+02;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 2 LYDNNQR 9
|||:|
Db 471 LYDGNRV 478

RESULT 32
US-09-025-769B-32

; Sequence 32, Application US/09025769B
; Patent No. 6300064
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; APPLICANT: Pack, Peter
; APPLICANT: Ilag, Vic
; APPLICANT: Ge, Liming
; APPLICANT: Moroney, Simon
; APPLICANT: Plueckthun, Andreas
; TITLE OF INVENTION: Protein/(Poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10021
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/025,769B
; FILING DATE: 18-FEB-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: James F. Haley, Jr., Esq.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: MORPHO/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)596-9000
; TELEFAX: (212)596-9090
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 109 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-025-769B-32

Query Match 65.3%; Score 32; DB 3; Length 109;
Best Local Similarity 71.4%; Pred. No. 95;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDNNQR 8

Db 49 IYDNNQR 55
|||:|

RESULT 33

US-09-025-769B-51
; Sequence 51, Application US/09025769B
; Patent No. 6300064
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; APPLICANT: Pack, Peter
; APPLICANT: Ilag, Vic
; APPLICANT: Ge, Liming
; APPLICANT: Moroney, Simon
; APPLICANT: Plueckthun, Andreas
; TITLE OF INVENTION: Protein/(Poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10021
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/025,769B
; FILING DATE: 18-FEB-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: James F. Haley, Jr., Esq.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: MORPHO/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)596-9000
; TELEFAX: (212)596-9090
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 109 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-025-769B-51

Query Match 65.3%; Score 32; DB 3; Length 109;
Best Local Similarity 71.4%; Pred. No. 95;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDNNQR 8
|||:|
Db 49 IYDNNQR 55

RESULT 34

US-09-490-070A-32
; Sequence 32, Application US/09490070A
; Patent No. 6696248
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; APPLICANT: Pack, Peter
; APPLICANT: Ilag, Vic
; APPLICANT: Ge, Liming
; APPLICANT: Moroney, Simon
; APPLICANT: Plueckthun, Andreas
; TITLE OF INVENTION: Protein/(Poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
US-09-490-070A-32

```
;
; ADDRESSEE: Colin G. Sandercock, Esq. c/o Heller Ehrman
; White & McAuliffe
; STREET: 1666 K Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20006
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/490,070A
; FILING DATE: 24-Jan-2000
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Colin G. Sandercock, Esq.
; REGISTRATION NUMBER: 31,298
; REFERENCE/DOCKET NUMBER: 37629-0005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 912-2000
; TELEFAX: (202) 912-2020
;
; INFORMATION FOR SEQ ID NO: 32:
; LENGTH: 109 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-09-490-070A-32
;
;
; Query Match 65.3%; Score 32; DB 4; Length 109;
; Best Local Similarity 71.4%; Pred. No. 95;
; Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
;
; QY 2 LYDDNQR 8
; DB 49 IYDNNQR 55
;
; RESULT 35
; US-09-490-070A-51
; Sequence 51, Application US/09490070A
; Patent No. 6696248
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; Pack, Peter
; Ilag, Vic
; Ge, Liming
; Moroney, Simon
; Plueckthun, Andreas
;
; TITLE OF INVENTION: Protein/(Poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Colin G. Sandercock, Esq. c/o Heller Ehrman
; White & McAuliffe
; STREET: 1666 K Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20006
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/490,070A
; FILING DATE: 24-Jan-2000
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
;
; ATTORNEY/AGENT INFORMATION:
; NAME: James F. Haley, Jr., Esq.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: MORPHO/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)596-9000
; TELEFAX: (212)596-9090
;
; INFORMATION FOR SEQ ID NO: 32:
; LENGTH: 109 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
```

```
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Colin G. Sandercock, Esq.
; REGISTRATION NUMBER: 31,298
; REFERENCE/DOCKET NUMBER: 37629-0005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 912-2000
; TELEFAX: (202) 912-2020
;
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 109 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 51:
US-09-490-070A-51
;
;
; Query Match 65.3%; Score 32; DB 4; Length 109;
; Best Local Similarity 71.4%; Pred. No. 95;
; Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
;
; QY 2 LYDDNQR 8
; DB 49 IYDNNQR 55
;
; RESULT 36
; US-09-490-153-32
; Sequence 32, Application US/09490153
; Patent No. 6706484
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; Pack, Peter
; Ilag, Vic
; Ge, Liming
; Moroney, Simon
; Plueckthun, Andreas
;
; TITLE OF INVENTION: Protein/(Poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10021
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/490,153
; FILING DATE: 24-Jan-2000
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/025,769B
; FILING DATE: 18-FEB-1998
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
;
; ATTORNEY/AGENT INFORMATION:
; NAME: James F. Haley, Jr., Esq.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: MORPHO/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)596-9000
; TELEFAX: (212)596-9090
;
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 109 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
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```
;
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-09-490-153-32
    Query Match      65.3%; Score 32; DB 4; Length 109;
    Best Local Similarity 71.4%; Pred. No. 95;
    Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Oy 2 LYDDNQR 8
    :||:|
Db 49 IYDNNQR 55

RESULT 37
US-09-490-153-51
; Sequence 51, Application US/09490153
; Patent No. 6706484
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; Pack, Peter
; Ilag, Vic
; Ge, Liming
; Moroney, Simon
; Plueckthun, Andreas
; TITLE OF INVENTION: Protein/(poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10021
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/490,153
; FILING DATE: 24-Jan-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/025,769B
; FILING DATE: 18-FEB-1998
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: James F. Haley, Jr., Esq.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: MORPHO/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)596-9000
; TELEFAX: (212)596-9090
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 109 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 51:
US-09-490-153-51
    Query Match      65.3%; Score 32; DB 4; Length 109;
    Best Local Similarity 71.4%; Pred. No. 95;
    Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Oy 2 LYDDNQR 8
    :||:|
Db 49 IYDNNQR 55

RESULT 38
```

```
US-09-490-324-32
; Sequence 32, Application US/09490324
; Patent No. 6828422
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; Pack, Peter
; Ilag, Vic
; Ge, Liming
; Moroney, Simon
; Plueckthun, Andreas
; TITLE OF INVENTION: Protein/(poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10021
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/490,324
; FILING DATE: 24-Jan-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/025,769
; FILING DATE: 18-FEB-1998
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: James F. Haley, Jr., Esq.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: MORPHO/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)596-9000
; TELEFAX: (212)596-9090
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 109 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-09-490-324-32
    Query Match      65.3%; Score 32; DB 4; Length 109;
    Best Local Similarity 71.4%; Pred. No. 95;
    Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Oy 2 LYDDNQR 8
    :||:|
Db 49 IYDNNQR 55

RESULT 39
US-09-490-324-51
; Sequence 51, Application US/09490324
; Patent No. 6828422
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; Pack, Peter
; Ilag, Vic
; Ge, Liming
; Moroney, Simon
; Plueckthun, Andreas
; TITLE OF INVENTION: Protein/(poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
```

```
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10021
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/490,324
; FILING DATE: 24-Jan-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/025,769
; FILING DATE: 18-FEB-1998
; APPLICATION NUMBER: EP 95 11 3021.0
; FILING DATE: 18-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: James F. Haley, Jr., Esq.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: MORPHO/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 596-9000
; TELEFAX: (212) 596-9090
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 109 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 51:
US-09-490-324-51

Query Match 65.3%; Score 32; DB 4; Length 109;
Best Local Similarity 71.4%; Pred. No. 95;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2 LYDDNQR 8
Db 49 IYDNNQR 55

RESULT 40
US-09-372-425A-4
; Sequence 4, Application US/09372425A
; Patent No. 6475749
; GENERAL INFORMATION:
; APPLICANT: Sherie L. Morrison
; APPLICANT: Ramon Montano
; TITLE OF INVENTION: Improved Rh Antibody
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppenheimer Wolff & Donnelly LLP
; STREET: 2029 Century Park East, Suite 3800
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows 98
; SOFTWARE: MS word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/372,425A
; FILING DATE: August 11, 1999
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Oldenakmp, David J.
```

```
; REGISTRATION NUMBER: 29,421
; REFERENCE/DOCKET NUMBER: 510015-223
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (310) 788-5000
; TELEFAX: (310) 788-5100
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 234 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Light chain - AA
US-09-372-425A-4

Query Match 65.3%; Score 32; DB 4; Length 234;
Best Local Similarity 71.4%; Pred. No. 2.1e+02;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2 LYDDNQR 8
Db 67 IYDNNQR 73

RESULT 41
US-08-884-569A-5
; Sequence 5, Application US/08884569A
; Patent No. 6393326
; GENERAL INFORMATION:
; APPLICANT: CHIANG, MING-KO
; APPLICANT: FLANAGAN, JOHN G.
; TITLE OF INVENTION: RECEPTOR TYROSINE PHOSPHATASE, AND USES RELATED THERETO
; FILE REFERENCE: HMV-020.01
; CURRENT APPLICATION NUMBER: US/08/884,569A
; CURRENT FILING DATE: 1997-06-27
; PRIOR APPLICATION NUMBER: 60/021,040
; PRIOR FILING DATE: 1996-07-02
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 5
; LENGTH: 242
; TYPE: PRT
; ORGANISM: Caenorhabditis elegans
US-08-884-569A-5

Query Match 65.3%; Score 32; DB 3; Length 242;
Best Local Similarity 62.5%; Pred. No. 2.2e+02;
Matches 5; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 FLYDDNQR 8
Db 34 FIYDDDP 41

RESULT 42
US-09-902-540-13338
; Sequence 13338, Application US/09902540
; Patent No. 6833447
; GENERAL INFORMATION:
; APPLICANT: Goldman, Barry S.
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Wiegand, Roger C.
; TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15849)B
; CURRENT APPLICATION NUMBER: US/09/902,540
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 60/217,883
; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 16825
; SEQ ID NO 13338
; LENGTH: 280
; TYPE: PRT
; ORGANISM: Myxococcus xanthus
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US-09-902-540-13338

Query Match 65.3%; Score 32; DB 4; Length 280;
Best Local Similarity 75.0%; Pred. No. 2.5e+02;
Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2 LYDNRQV 9
| | | | |
Db 128 LYDDRDRV 135

RESULT 43

US-09-489-039A-10682
; Sequence 10682, Application US/09489039A
; Patent No. 6610836
; GENERAL INFORMATION:
; APPLICANT: Gary Breton et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
; TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 2709.2004001
; CURRENT APPLICATION NUMBER: US/09/489,039A
; CURRENT FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: US 60/117,747
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 14342
; SEQ ID NO 10682
; LENGTH: 286
; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-10682

Query Match 65.3%; Score 32; DB 4; Length 286;
Best Local Similarity 62.5%; Pred. No. 2.6e+02;
Matches 5; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 2 LYDNRQV 9
: | | | | :
Db 274 MYDNRQL 281

RESULT 44

US-09-248-796A-16060
; Sequence 16060, Application US/09248796A
; Patent No. 6747137
; GENERAL INFORMATION:
; APPLICANT: Keith Weinstock et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
; TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.132
; CURRENT APPLICATION NUMBER: US/09/248,796A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/096,409
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 16060
; LENGTH: 304
; TYPE: PRT
; ORGANISM: Candida albicans
US-09-248-796A-16060

Query Match 65.3%; Score 32; DB 4; Length 304;
Best Local Similarity 71.4%; Pred. No. 2.7e+02;
Matches 5; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 7
| | | | |
Db 125 FFYDDNK 131

RESULT 45

US-09-248-796A-14544

; Sequence 14544, Application US/09248796A
; Patent No. 6747137

; GENERAL INFORMATION:
; APPLICANT: Keith Weinstock et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICA
; TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.132

; CURRENT APPLICATION NUMBER: US/09/248,796A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/096,409
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 14544
; LENGTH: 359
; TYPE: PRT
; ORGANISM: Candida albicans
US-09-248-796A-14544

Query Match 65.3%; Score 32; DB 4; Length 359;
Best Local Similarity 85.7%; Pred. No. 3.2e+02;
Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 YDDNRQV 9
| | | | |
Db 246 YDDNLRV 252

RESULT 46

US-09-248-796A-17909
; Sequence 17909, Application US/09248796A
; Patent No. 6747137
; GENERAL INFORMATION:
; APPLICANT: Keith Weinstock et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICA
; TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.132
; CURRENT APPLICATION NUMBER: US/09/248,796A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/096,409
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 17909
; LENGTH: 528
; TYPE: PRT
; ORGANISM: Candida albicans
US-09-248-796A-17909

Query Match 65.3%; Score 32; DB 4; Length 528;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 3 YDDNRQV 8
| | | | |
Db 423 YDDNER 428

RESULT 47

US-09-251-645-6
; Sequence 6, Application US/09251645
; Patent No. 6281413
; GENERAL INFORMATION:
; APPLICANT: Kramer, Vance C.
; APPLICANT: Morgan, Michael K.
; APPLICANT: Anderson, Arne R.
; APPLICANT: Hart, Hope
; APPLICANT: Warren, Gregory W.
; APPLICANT: Dunn, Martha
; APPLICANT: Chen, Jeng S.
; TITLE OF INVENTION: NOVEL INSECTICIDAL TOXINS FROM PHOTORHABDUS LUMINESCENS

; TITLE OF INVENTION: AND NUCLEIC ACID SEQUENCES CODING THEREFOR
; FILE REFERENCE: CGC1963/A
; CURRENT APPLICATION NUMBER: US/09/251.645
; CURRENT FILING DATE: 1999-02-17
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 1584
; TYPE: PRT
; ORGANISM: Photorhabdus luminescens

US-09-251-645-6

Query Match 65.3%; Score 32; DB 3; Length 1584;
Best Local Similarity 55.6%; Pred. No. 1.5e+03;
Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9

Db 1074 YQVDDNQRL 1082

RESULT 48

US-09-266-965-123

; Sequence 123, Application US/09266965

; Patent No. 6495348

; GENERAL INFORMATION:

; APPLICANT: Sherman, D

; APPLICANT: Mao, Y

; APPLICANT: Varoglu, M

; APPLICANT: He, M

; APPLICANT: Sheldon, P

; TITLE OF INVENTION: Mitomycin biosynthetic gene cluster

; FILE REFERENCE: 600.456US1

; CURRENT APPLICATION NUMBER: US/09/266.965

; CURRENT FILING DATE: 1999-03-12

; EARLIER APPLICATION NUMBER: US 08/624,447

; EARLIER FILING DATE: 1996-08-19

; EARLIER APPLICATION NUMBER: PCT/US94/11279

; EARLIER FILING DATE: 1994-10-06

; EARLIER APPLICATION NUMBER: US 08/133,963

; EARLIER FILING DATE: 1993-10-07

; NUMBER OF SEQ ID NOS: 145

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 123

; LENGTH: 254

; TYPE: PRT

; ORGANISM: Streptomyces lavendulae

US-09-266-965-123

Query Match 64.3%; Score 31.5; DB 4; Length 254;

Best Local Similarity 80.0%; Pred. No. 2.9e+02;

Matches 8; Conservative 0; Mismatches 1; Indels 1; Gaps 1;

Qy 1 FLYD-DNQRV 9

Db 54 FLYDGGNQRV 63

RESULT 49

US-09-107-532A-5802

; Sequence 5802, Application US/09107532A

; Patent No. 6583275

; GENERAL INFORMATION:

; APPLICANT: Lynn A Doucette-Stamm and David Bush

; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO

; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS

; NUMBER OF SEQUENCES: 7310

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: GENOME THERAPEUTICS CORPORATION

; STREET: 100 Beaver Street

; CITY: Waltham

; STATE: Massachusetts

; COUNTRY: USA

ZIP: 02354
COMPUTER READABLE FORM:
MEDIUM TYPE: CD-ROM ISO9660
COMPUTER: PC
OPERATING SYSTEM: <Unknown>
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/107,532A
FILING DATE: 30-Jun-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/085,598
FILING DATE: 14 May 1998
APPLICATION NUMBER: 60/051571
FILING DATE: July 2, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ariniello, Pamela Deneke
REGISTRATION NUMBER: 40,489
REFERENCE/DOCKET NUMBER: GTC-012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781)893-5007
TELEFAX: (781)893-8277

INFORMATION FOR SEQ ID NO: 5802:

SEQUENCE CHARACTERISTICS:

LENGTH: 99 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

HYPOTHETICAL: YES

ORIGINAL SOURCE:

ORGANISM: Enterococcus faecium

FEATURE:

NAME/KEY: misc feature

LOCATION: (B) LOCATION 1...99

SEQUENCE DESCRIPTION: SEQ ID NO: 5802:

US-09-107-532A-5802

Query Match

Best Local Similarity

Matches

63.3%; Score 31; DB 4; Length 99;

85.7%; Pred. No. 1.3e+02;

6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 7

Db 48 FLTDDNQ 54

RESULT 50

US-08-665-202-39

; Sequence 39, Application US/08665202

; Patent No. 5977322

; GENERAL INFORMATION:

; APPLICANT: Marks, James D.

; APPLICANT: Schier, Robert

; TITLE OF INVENTION: No. 5977322e1 High Affinity Human Antibodies to

; Tumor Antigens

; NUMBER OF SEQUENCES: 141

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Townsend and Townsend and Crew LLP

; STREET: Two Embarcadero Center, Eighth Floor

; CITY: San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94111-3834

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/665,202

; FILING DATE: 13-JUN-1996

; CLASSIFICATION: 424

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 60/000,238

```

; FILING DATE: 14-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/000,250
; FILING DATE: 15-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Hunter, Tom
; REGISTRATION NUMBER: 38,498
; REFERENCE/DOCKET NUMBER: 02307E-061410
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 112 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-665-202-39

Query Match 63.3%; Score 31; DB 2; Length 112;
Best Local Similarity 71.4%; Pred. No. 1.5e+02;
Matches 5; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2 LYDDNQR 8
DB 49 IYSDNQR 55

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Search completed: November 3, 2005, 12:55:19
Job time : 24 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 3, 2005, 12:54:59 ; Search time 41 Seconds
(without alignments)
16.386 Million cell updates/sec

Title: US-10-006-177-4
Perfect score: 49
Sequence: 1 FLYDDNQRV 9

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 114581

Minimum DB seq length: 4
Maximum DB seq length: 10

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 100 summaries

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6: /cgn2_6/ptodata/1/iaa/backfiles.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	26	53.1	8	4	US-09-069-827A-178
2	26	53.1	8	4	US-09-352-171-15
3	26	53.1	8	4	US-09-709-785-56
4	26	53.1	9	2	US-08-350-260A-519
5	26	53.1	9	4	US-09-104-337A-519
6	26	53.1	10	4	US-09-191-593-28
7	24	49.0	7	4	US-09-563-222C-24
8	24	49.0	9	1	US-08-619-645-3
9	24	49.0	9	2	US-08-634-493-3
10	23	46.9	7	4	US-08-265-967C-6
11	23	46.9	7	4	US-08-305-790B-7
12	23	46.9	8	3	US-09-187-859-1358
13	23	46.9	8	3	US-09-187-859-1517
14	23	46.9	8	4	US-09-839-542B-1358
15	23	46.9	8	4	US-09-839-542B-1517
16	23	46.9	9	3	US-09-187-859-1361
17	23	46.9	9	3	US-09-187-859-1520
18	23	46.9	9	4	US-09-839-542B-1361
19	23	46.9	9	4	US-09-839-542B-1520
20	22	44.9	8	2	US-08-016-366A-56
21	22	44.9	8	3	US-09-187-859-1322
22	22	44.9	8	3	US-09-187-859-1327
23	22	44.9	8	4	US-09-839-542B-1322
24	22	44.9	8	4	US-09-839-542B-1327
25	22	44.9	9	1	US-08-215-805A-30
26	22	44.9	9	3	US-08-584-008A-3
27	22	44.9	9	3	US-09-187-859-1323
					Sequence 178, App
					Sequence 15, Appl
					Sequence 56, Appl
					Sequence 519, App
					Sequence 28, Appl
					Sequence 24, Appl
					Sequence 3, Appl
					Sequence 6, Appl
					Sequence 7, Appl
					Sequence 1358, Ap
					Sequence 1517, Ap
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					Sequence 1520, Ap
					Sequence 1361, Ap
					Sequence 1520, Ap
					Sequence 1361, Ap
					Sequence 1520, Ap
					Sequence 56, Appl
					Sequence 1322, Ap
					Sequence 1327, Ap
					Sequence 1322, Ap
					Sequence 1327, Ap
					Sequence 30, Appl
					Sequence 1323, Ap

Sequence 1328, Ap
Sequence 3897, Ap
Sequence 3907, Ap
Sequence 227, App
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Sequence 1367, Ap
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Sequence 192, App
Sequence 194, App
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Sequence 1370, Ap
Sequence 1560, Ap
Sequence 1562, Ap
Sequence 192, App
Sequence 193, App
Sequence 195, App
Sequence 1312, Ap
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Sequence 1369, Ap
Sequence 1371, Ap
Sequence 1561, Ap
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Sequence 26, Appl
Sequence 29, Appl
Sequence 42, Appl
Sequence 42, Appl
Sequence 196, App
Sequence 1313, Ap
Sequence 1315, Ap
Sequence 1339, Ap
Sequence 1341, Ap
Sequence 1359, Ap
Sequence 1372, Ap
Sequence 1518, Ap

ALIGNMENTS

RESULT 1

US-09-069-827A-178
; Sequence 178, Application US/09069827A
; Patent No. 6617114
; GENERAL INFORMATION:
; APPLICANT: FOWLKES, Dana M
; KAY, Brian K
; FRELINGER, Jeffrey A
; HYDE-DEUYSCHER, Robin P
; TITLE OF INVENTION: IDENTIFICATION OF DRUGS USING
; COMPLEMENTARY COMBINATORIAL LIBRARIES
; NUMBER OF SEQUENCES: 178
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK, P.L.L.C.
; STREET: 624 Ninth Street N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20001

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/069,827A
; FILING DATE: 30-Apr-1998
; CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 09/050,359
; FILING DATE: 31-MAR-1998
; APPLICATION NUMBER: PCT/US97/19638
; FILING DATE: 31-OCT-1997
; APPLICATION NUMBER: US 08/740,671
; FILING DATE: 31-OCT-1996

ATTORNEY/AGENT INFORMATION:
; NAME: COOPER, Iver P
; REGISTRATION NUMBER: 28,005
; REFERENCE/DOCKET NUMBER: FOWLKES-4C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 628-5397
; TELEFAX: (202) 737-3528

INFORMATION FOR SEQ ID NO: 178:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 178:
US-09-069-827A-178

Query Match 53.1%; Score 26; DB 4; Length 8;
Best Local Similarity 57.1%; Pred. No. 4.le+05;
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 2 LYDDNOR 8
Db 2 LYDDDDK 8

RESULT 2

US-09-352-171-15
; Sequence 15, Application US/09352171
; Patent No. 6759206
; GENERAL INFORMATION:
; APPLICANT: Rubin, Richard A
; ATTORNEY: Conway, Bruce

; APPLICANT: Giuliano, Kenneth A
; APPLICANT: Gough, Albert H
; APPLICANT: Dunlay, R. Terry
; TITLE OF INVENTION: A System for Cell Based Screening
; FILE REFERENCE: 97,022-D1
; CURRENT APPLICATION NUMBER: US/09/352,171
; CURRENT FILING DATE: 1999-07-12
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: epitope tag
US-09-352-171-15

Query Match 53.1%; Score 26; DB 4; Length 8;
Best Local Similarity 57.1%; Pred. No. 4.le+05;
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 2 LYDDNOR 8
Db 2 LYDDDDK 8

RESULT 3

US-09-709-785-56
; Sequence 56, Application US/09709785
; Patent No. 6797467
; GENERAL INFORMATION:
; APPLICANT: Murphy, Anne N.
; APPLICANT: Clevenger, William
; APPLICANT: Wiley, Sandra Eileen
; APPLICANT: Andreyev, Alexander Y.
; APPLICANT: Frigeri, Luciano G.
; APPLICANT: Velicelebi, Gonul
; APPLICANT: Davis, Robert E.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING
; INTERACTIONS OF MITOCHONDRIAL COMPONENTS, AND FOR
; IDENTIFYING AGENTS THAT ALTER SUCH INTERACTIONS
; FILE REFERENCE: 660088.433C1
; CURRENT APPLICATION NUMBER: US/09/709,785
; CURRENT FILING DATE: 2002-09-16
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 56
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Epitope tag
US-09-709-785-56

Query Match 53.1%; Score 26; DB 4; Length 8;
Best Local Similarity 57.1%; Pred. No. 4.le+05;
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 2 LYDDNOR 8
Db 2 LYDDDDK 8

RESULT 4

US-08-350-260A-519
; Sequence 519, Application US/08350260A
; Patent No. 5962255
; GENERAL INFORMATION:
; APPLICANT: Winter, Gregory Paul
; APPLICANT: Griffiths, Andrew David
; APPLICANT: Williams, Samuel Cameron
; APPLICANT: Waterhouse, Peter
; APPLICANT: Nissim, Ahuva

APPLICANT: Johnson, Kevin Stuart
APPLICANT: Smith, Andrew John Hammond
TITLE OF INVENTION: Methods for producing members of specific
TITLE OF INVENTION: binding pairs
NUMBER OF SEQUENCES: 602
CORRESPONDENCE ADDRESS:
ADDRESSEE: David W. Clough
STREET: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/350,260A
FILING DATE: 05-DEC-1994
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: GB 9110549.4
FILING DATE: 15-MAY-1991
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: GB 9206318.9
FILING DATE: 24-MAR-1992
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: PCT/GB91/01134
FILING DATE: 10-JUL-1991
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: PCT/GB92/00883
FILING DATE: 15-MAY-1992
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: PCT/GB93/00605
FILING DATE: 24-MAR-1993
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/150,002
FILING DATE: 31-MAR-1994
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/307,619
FILING DATE: 16-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 28111/32372
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
INFORMATION FOR SEQ ID NO: 519:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-350-260A-519

Query Match 53.1%; Score 26; DB 2; Length 9;
Best Local Similarity 71.4%; Pred. No. 4.1e+05;
Matches 5; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 YDDNORV 9
Db 3 YDSNLRV 9

RESULT 5
US-09-104-337A-519
Sequence 519, Application US/09104337A
Patent No. 6492160
GENERAL INFORMATION:
APPLICANT: Winter, Gregory Paul
Griffiths, Andrew David

Williams, Samuel Cameron
Waterhouse, Peter
Nissim, Ahuva
Johnson, Kevin Stuart
Smith, Andrew John Hammond
TITLE OF INVENTION: Methods for producing members of specific
TITLE OF INVENTION: binding pairs
NUMBER OF SEQUENCES: 600
CORRESPONDENCE ADDRESS:
ADDRESSEE: Audrey L. Bartnicki
STREET: Marshall, Gerstein & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/104,337A
FILING DATE: 25-JUN-1998
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/350,260
FILING DATE: 05-DEC-1994
APPLICATION NUMBER: GB 9110549.4
FILING DATE: 15-MAY-1991
APPLICATION NUMBER: GB 9206318.9
FILING DATE: 24-MAR-1992
APPLICATION NUMBER: PCT/GB92/00883
FILING DATE: 15-MAY-1992
APPLICATION NUMBER: PCT/GB93/00605
FILING DATE: 24-MAR-1993
APPLICATION NUMBER: US 08/150,002
FILING DATE: 31-MAR-1994
APPLICATION NUMBER: US 08/307,619
FILING DATE: 16-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Bartnicki, Audrey L.
REGISTRATION NUMBER: 40,499
REFERENCE/DOCKET NUMBER: 28111/32372A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
INFORMATION FOR SEQ ID NO: 519:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-104-337A-519

Query Match 53.1%; Score 26; DB 4; Length 9;
Best Local Similarity 71.4%; Pred. No. 4.1e+05;
Matches 5; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 YDDNORV 9
Db 3 YDSNLRV 9

RESULT 6
US-09-191-593-28
Sequence 28, Application US/09191593
Patent No. 6835824
GENERAL INFORMATION:
APPLICANT: BURKS, A Wesley, HELM, Ricki M,
APPLICANT: COCKRELL, Gael, STANLEY, J Steven,
APPLICANT: BANNON, Gary A
TITLE OF INVENTION: PEANUT ALLERGENS AND
METHODS

NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
ADDRESSEE: Head, Johnson & Kachigian
STREET: 112 W. Center St., Suite 230
CITY: Fayetteville
STATE: Arkansas AR
COUNTRY: United States of America
ZIP: 72701
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS 6.2
SOFTWARE: Wordperfect 6.0C
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/191.593
FILING DATE: 13 NOVEMBER 1998
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/717,933
FILING DATE: 23 SEPTEMBER 1996
APPLICATION NUMBER: US 07/998,377
FILING DATE: 30 DECEMBER 1992
APPLICATION NUMBER: US 08/158,704
FILING DATE: 29 NOVEMBER 1993
APPLICATION NUMBER: US 60/009,455
FILING DATE: 29 DECEMBER 1995
APPLICATION NUMBER: US 08/610,424
FILING DATE: 04 MARCH 1996
ATTORNEY/AGENT INFORMATION:
NAME: ALEXANDER, DANIEL R
REGISTRATION NUMBER: 32,604
REFERENCE/DOCKET NUMBER: ARK00895601B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (501) 582-3111
TELEFAX: (501) 521-4931
TELEX: No. 6835824 applicable
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
TYPE: amino acid
STRANDEDNESS: No. 6835824 applicable
TOPOLOGY: unknown
MOLECULE TYPE: glycoprotein
DESCRIPTION: identified as Ara h I IgE binding
DESCRIPTION: epitope peptide 5 Ara h I position 97-105.
HYPOTHETICAL: No
ANTI-SENSE: No. 6835824 applicable
FRAGMENT TYPE: No. 6835824 applicable
ORIGINAL SOURCE:
ORGANISM: Arachis hypogaea
STRAIN: Florunner
INDIVIDUAL ISOLATE: Ara h I
DEVELOPMENTAL STAGE:
HAPLOTYPE: No. 6835824 applicable
TISSUE TYPE:
CELL TYPE: No. 6835824 applicable
CELL LINE: No. 6835824 applicable
ORGANELLE: No. 6835824 applicable
IMMEDIATE SOURCE:
LIBRARY:
CLONE:
POSITION IN GENOME:
CHROMOSOME/SEGMENT: No. 6835824 applicable
MAP POSITION: No. 6835824 applicable
UNITS: No. 6835824 applicable
FEATURE:
NAME/KEY:
LOCATION:
IDENTIFICATION METHOD: By agreement with
IDENTIFICATION METHOD: protein information and established
IDENTIFICATION METHOD: consensus sequence
OTHER INFORMATION: Seed storage protein and

OTHER INFORMATION: allergen
PUBLICATION INFORMATION:
AUTHORS:
TITLE:
JOURNAL:
VOLUME:
ISSUE:
PAGES:
DATE:
DOCUMENT NUMBER:
FILING DATE:
PUBLICATION DATE:
RELEVANT RESIDUES IN SEQ ID NO:
US-09-191-593-28
Query Match 53.1%; Score 26; DB 4; Length 10;
Best Local Similarity 66.7%; Pred. No. 1e+02;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
Qy 3 YDDNOR 8
Db 4 YDDRR 9
RESULT 7
US-09-563-222C-24
Sequence 24, Application US/09563222C
Patent No. 6696620
GENERAL INFORMATION:
APPLICANT: EPICYTE PHARMACEUTICALS, INC.
APPLICANT: HIATT, ANDREW C.
TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEIN ARRAYS IN PLANT CELLS
FILE REFERENCE: 068904-0501
CURRENT APPLICATION NUMBER: US/09/563,222C
CURRENT FILING DATE: 2000-05-02
PRIOR APPLICATION NUMBER: PCT/US01/14349
PRIOR FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 09/563,222
PRIOR FILING DATE: 2000-05-02
NUMBER OF SEQ ID NOS: 182
SOFTWARE: Patent in Ver. 2.1
SEQ ID NO 24
LENGTH: 7
TYPE: PRT
ORGANISM: Homo sapiens
US-09-563-222C-24
Query Match 49.0%; Score 24; DB 4; Length 7;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Qy 4 DDNOR 8
Db 1 DDNR 5
RESULT 8
US-08-619-645-3
Sequence 3, Application US/08619645
Patent No. 5736507
GENERAL INFORMATION:
APPLICANT: Boots, Anna M.H.
APPLICANT: Verheijden, Gijbertus F.M.
TITLE OF INVENTION: No. 5736507el peptides derived from
TITLE OF INVENTION: autoantigen for use in immunotherapy of autoimmune
TITLE OF INVENTION: disease
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Akzo No. 5736507el Patent Department
STREET: 1300 Piccard Drive, Suite 206
CITY: Rockville
STATE: Maryland

COUNTRY: U.S.A.
ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/619,645
FILING DATE: 25-MAR-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Gormley, Mary E.
REGISTRATION NUMBER: 34,409
TELECOMMUNICATION INFORMATION:
TELEPHONE: (301) 947-4433
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-619-645-3

Query Match 49.0%; Score 24; DB 1; Length 9;
Best Local Similarity 57.1%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 3 YDDNQRV 9
||| : |
Db 1 YDDQESV 7

RESULT 9
US-08-634-493-3
Sequence 3, Application US/08634493
Patent No. 5843449
GENERAL INFORMATION:
APPLICANT: A.M.H. Boots
APPLICANT: G.F.M. Verheijden
APPLICANT: E.S. Bos
TITLE OF INVENTION: No. 5843449el Peptides derived from autoantigen for use
in Immunotherapy of Autoimmune Diseases
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Akzo No. 5843449el Patent Department
STREET: 1300 Piccard Drive, Suite 206
CITY: Rockville
STATE: Maryland
COUNTRY: USA
ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/634,493
FILING DATE: 18-APR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/619,645
FILING DATE: 25-MAR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP95/04201
FILING DATE: 25-OCT-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: NL 942031287
FILING DATE: 27-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: NL 952008860
FILING DATE: 07-APR-1995
TELECOMMUNICATION INFORMATION:

TELEPHONE: (301) 258-5200
TELEFAX: (301) 977-0847
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-634-493-3

Query Match 49.0%; Score 24; DB 2; Length 9;
Best Local Similarity 57.1%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 3 YDDNQRV 9
||| : |
Db 1 YDDQESV 7

RESULT 10
US-08-265-967C-6
Sequence 6, Application US/08265967C
Patent No. 6476200
GENERAL INFORMATION:
APPLICANT: SABATINI, DAVID M.
APPLICANT: ERDJUMENT-BROMAGE, HEDIYE
APPLICANT: LUI, MARY
APPLICANT: TEMPEST, PAUL
APPLICANT: SNYDER, SOLOMON H.
TITLE OF INVENTION: MAMMALIAN PROTEINS THAT BIND TO FKBP12
IN A RAPAMYCIN-DEPENDENT FASHION
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BANNER & ALLEGRETTI, LTD
STREET: 1001 G STREET, N.W., 11TH FLOOR
CITY: WASHINGTON
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20001-4597
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/265,967C
FILING DATE: 27-JUN-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: KAGAN, SARAH A.
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 01107.46363
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX: 197430 BBMB UT
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-265-967C-6

Query Match 46.9%; Score 23; DB 4; Length 7;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 YDDNQ 7
||| : |
Db 2 YDPNQ 6

```
RESULT 11
US-08-305-790B-7
; Sequence 7, Application US/08305790B
; Patent No. 6492106
; GENERAL INFORMATION:
; APPLICANT: SABATINI, DAVID M.
; APPLICANT: ERDJUMENT-BROWAGE, HEDIYE
; APPLICANT: LUI, MARY
; APPLICANT: TEMPEST, PAUL
; APPLICANT: SNYDER, SOLOMON H.
; TITLE OF INVENTION: MAMMALIAN PROTEINS THAT BIND TO FKBP12
; TITLE OF INVENTION: IN A RAPAMYCIN-DEPENDENT FASHION
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BANNER & ALLEGRETTI, LTD
; STREET: 1001 G STREET, N.W., 11TH FLOOR
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/305,790B
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/265,967
; FILING DATE: 27-JUN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: KAGAN, SARAH A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 01107.47225
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX: 197430 BBMB UT
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-305-790B-7

Query Match 46.9%; Score 23; DB 4; Length 7;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 YDNQ 7
Db 2 YDPNQ 6

RESULT 12
US-09-187-859-1358
; Sequence 1358, Application US/09187859A
; Patent No. 6358920
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407C1
; CURRENT APPLICATION NUMBER: US/09/187,859A
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1358

Query Match 46.9%; Score 23; DB 4; Length 7;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 YDNQ 7
Db 2 YDPNQ 6
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; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-187-859-1358

Query Match 46.9%; Score 23; DB 3; Length 8;
Best Local Similarity 42.9%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 7
Db 2 FIIDENE 8

RESULT 13
US-09-187-859-1517
; Sequence 1517, Application US/09187859A
; Patent No. 6358920
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407C1
; CURRENT APPLICATION NUMBER: US/09/187,859A
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1517
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-187-859-1517

Query Match 46.9%; Score 23; DB 3; Length 8;
Best Local Similarity 42.9%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 7
Db 2 FIIDENE 8

RESULT 14
US-09-839-542B-1358
; Sequence 1358, Application US/09839542B
; Patent No. 6569996
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Symonds, James Matthew
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407D1
; CURRENT APPLICATION NUMBER: US/09/839,542B
; CURRENT FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1358
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-839-542B-1358
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Query Match 46.9%; Score 23; DB 4; Length 8;
Best Local Similarity 42.9%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 7
|:|:|:
Db 2 FIIDENE 8

RESULT 15

US-09-839-542B-1517
; Sequence 1517, Application US/09839542B
; Patent No. 6569996
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Symonds, James Matthew
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407D1
; CURRENT APPLICATION NUMBER: US/09/839,542B
; CURRENT FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1517
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-839-542B-1517

Query Match 46.9%; Score 23; DB 4; Length 8;
Best Local Similarity 42.9%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 7
|:|:|:
Db 2 FIIDENE 8

RESULT 16

US-09-187-859-1361
; Sequence 1361, Application US/09187859A
; Patent No. 6358920
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407C1
; CURRENT APPLICATION NUMBER: US/09/187,859A
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1361
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-187-859-1361

Query Match 46.9%; Score 23; DB 3; Length 9;
Best Local Similarity 42.9%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 7
|:|:|:
Db 3 FIIDENE 9

RESULT 17

US-09-187-859-1520
; Sequence 1520, Application US/09187859A
; Patent No. 6358920
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407C1
; CURRENT APPLICATION NUMBER: US/09/187,859A
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1520
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-187-859-1520

Query Match 46.9%; Score 23; DB 3; Length 9;
Best Local Similarity 42.9%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 7
|:|:|:
Db 3 FIIDENE 9

RESULT 18

US-09-839-542B-1361
; Sequence 1361, Application US/09839542B
; Patent No. 6569996
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Symonds, James Matthew
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407D1
; CURRENT APPLICATION NUMBER: US/09/839,542B
; CURRENT FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1361
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-839-542B-1361

Query Match 46.9%; Score 23; DB 4; Length 9;
Best Local Similarity 42.9%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 7
|:|:|:
Db 3 FIIDENE 9

RESULT 19

US-09-839-542B-1520
; Sequence 1520, Application US/09839542B
; Patent No. 6569996
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Symonds, James Matthew

; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407D1
; CURRENT APPLICATION NUMBER: US/09/839,542B
; CURRENT FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1520
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-839-542B-1520

Query Match 46.9%; Score 23; DB 4; Length 9;
Best Local Similarity 42.9%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 7
|: |:|:
Db 3 FIIDENE 9

RESULT 20
US-09-016-366A-56
; Sequence 56, Application US/09016366A
; Patent No. 5955431
; GENERAL INFORMATION:
; APPLICANT: Stevens, Richard L.
; APPLICANT: Huang, Chifu
; TITLE OF INVENTION: MAST CELL PROTEASE PEPTIDE
; TITLE OF INVENTION: INHIBITORS
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: MA
; COUNTRY: U.S.A.
; ZIP: 02210-2211
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/016,366A
; FILING DATE: January 30, 1998
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/037,090
; FILING DATE: 05-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Plumer, Elizabeth R.
; REGISTRATION NUMBER: 36,637
; REFERENCE/DOCKET NUMBER: B0801/7093
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-720-3500
; TELEFAX: 617-720-2441
; TELEX:
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-09-016-366A-56

Query Match 44.9%; Score 22; DB 2; Length 8;

Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 DNOR 8
|: |:|:
Db 2 DNQR 5

RESULT 21
US-09-187-859-1322
; Sequence 1322, Application US/09187859A
; Patent No. 6358920
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407C1
; CURRENT APPLICATION NUMBER: US/09/187,859A
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1322
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-187-859-1322

Query Match 44.9%; Score 22; DB 3; Length 8;
Best Local Similarity 42.9%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 7
|: |:|:
Db 2 FIIDENK 8

RESULT 22
US-09-187-859-1327
; Sequence 1327, Application US/09187859A
; Patent No. 6358920
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407C1
; CURRENT APPLICATION NUMBER: US/09/187,859A
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1327
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-187-859-1327

Query Match 44.9%; Score 22; DB 3; Length 8;
Best Local Similarity 42.9%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 7
|: |:|:
Db 2 FIIDENK 8

RESULT 23


```

US-09-839-542B-1322
; Sequence 1322, Application US/09839542B
; Patent No. 6569996
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Symonds, James Matthew
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; FILE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407D1
; CURRENT APPLICATION NUMBER: US/09/839,542B
; CURRENT FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 1322
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-839-542B-1322
Query Match 44.9%; Score 22; DB 4; Length 8;
Best Local Similarity 42.9%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 7
Db 2 FIIDENK 8

RESULT 24
US-09-839-542B-1327
; Sequence 1327, Application US/09839542B
; Patent No. 6569996
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Symonds, James Matthew
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; FILE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407D1
; CURRENT APPLICATION NUMBER: US/09/839,542B
; CURRENT FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 1327
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-839-542B-1327
Query Match 44.9%; Score 22; DB 4; Length 8;
Best Local Similarity 42.9%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 7
Db 2 FIIDENK 8

RESULT 25
US-08-215-805A-30
; Sequence 30, Application US/08215805A
; Patent No. 5559008
; GENERAL INFORMATION:
; APPLICANT: Chang, Yung-Fu
; TITLE OF INVENTION: LEUKOTOXIN GENE FROM PASTEURSHELLA
; TITLE OF INVENTION: SUIS

```

```

; NUMBER OF SEQUENCES: 84
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle
; STREET: Clinton Square, P.O. Box 1051
; CITY: Rochester
; STATE: New York
; COUNTRY: USA
; ZIP: 14603
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/215,805A
; FILING DATE: 22-MAR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Timian, Susan J.
; REGISTRATION NUMBER: 34,103
; REFERENCE/DOCKET NUMBER: 19603/61 (D-1329A)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 263-1636
; TELEFAX: (716) 263-1600
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; ORIGINAL SOURCE:
; ORGANISM: Actinobacillus actinomycetemcomitans
US-08-215-805A-30
Query Match 44.9%; Score 22; DB 1; Length 9;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 LYDDN 6
Db 1 LYGDN 5

RESULT 26
US-08-584-008A-3
; Sequence 3, Application US/08584008A
; Patent No. 6277615
; GENERAL INFORMATION:
; APPLICANT: Varghese, Joseph N.
; APPLICANT: Garrett, Thomas P.J.
; APPLICANT: Fincher, Geoffrey B.
; APPLICANT: Hoj, Peter B.
; APPLICANT: Chen, Lin
; TITLE OF INVENTION: BETA-GLUCANASE OF ENHANCED STABILITY
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JACOBSON, PRICE, HOLMAN & STERN
; STREET: The Jenifer Building, 400 Seventh St. N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,008A
; FILING DATE: 11-JAN-1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:

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; APPLICATION NUMBER: AU PL9821
; FILING DATE: 07-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/AU94/00377
; FILING DATE: 06-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Holman, J.C.
; REGISTRATION NUMBER: 22,769
; REFERENCE/DOCKET NUMBER: 9943/P60173
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-638-6666
; TELEFAX: 202-393-5350
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-584-008A-3

Query Match 44.9%; Score 22; DB 3; Length 9;
Best Local Similarity 66.7%; Pred. No. 4.1e+05;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 FLYDDN 6
Db 1 FAYRDN 6

RESULT 27
US-09-187-859-1323
; Sequence 1323, Application US/09187859A
; Patent No. 6358920
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407C1
; CURRENT APPLICATION NUMBER: US/09/187,859A
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1323
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-187-859-1323

Query Match 44.9%; Score 22; DB 3; Length 9;
Best Local Similarity 42.9%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 7
Db 3 FIIDENK 9

RESULT 28
US-09-187-859-1328
; Sequence 1328, Application US/09187859A
; Patent No. 6358920
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407C1
; CURRENT APPLICATION NUMBER: US/09/187,859A
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1328
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-187-859-1328

Query Match 44.9%; Score 22; DB 3; Length 9;
Best Local Similarity 42.9%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 7
Db 3 FIIDENK 9

RESULT 29
US-09-187-859-3897
; Sequence 3897, Application US/09187859A
; Patent No. 6358920
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407C1
; CURRENT APPLICATION NUMBER: US/09/187,859A
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3897
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-187-859-3897

Query Match 44.9%; Score 22; DB 3; Length 9;
Best Local Similarity 37.5%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1 FLYDDNOR 8
Db 2 FIIDENK 9

RESULT 30
US-09-187-859-3907
; Sequence 3907, Application US/09187859A
; Patent No. 6358920
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407C1
; CURRENT APPLICATION NUMBER: US/09/187,859A
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3907
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-187-859-3907
```

OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-187-859-3907

Query Match 44.9%; Score 22; DB 3; Length 9;
Best Local Similarity 37.5%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Oy 1 FLYDDNOR 8
| : | : | :
Db 2 FIIDENTK 9

RESULT 31

US-09-643-597-227
; Sequence 227, Application US/09643597
; Patent No. 6426072
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Fan, Liqun
; APPLICANT: Kalos, Michael D.
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Hosken, Nancy
; APPLICANT: Fanger, Gary R.
; APPLICANT: Li, Samuel X.
; APPLICANT: Wang, Aijun
; APPLICANT: Skeiky, Yasir A.W.
; APPLICANT: Henderson, Robert A.
; APPLICANT: McNeill, Patricia D.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
; FILE REFERENCE: 210121.455C11
; CURRENT APPLICATION NUMBER: US/09/643.597
; CURRENT FILING DATE: 2000-08-21
; NUMBER OF SEQ ID NOS: 369
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 227
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-643-597-227

Query Match 44.9%; Score 22; DB 4; Length 9;
Best Local Similarity 66.7%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Oy 1 FLYDDN 6
| : | : | :
Db 1 FLLNDN 6

RESULT 32

US-09-480-884A-227
; Sequence 227, Application US/09480884A
; Patent No. 6482597
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Fan, Liqun
; APPLICANT: Hosken, Nancy A.
; APPLICANT: Kalos, Michael D.
; APPLICANT: Fanger, Gary R.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
; FILE REFERENCE: 210121.455C6
; CURRENT APPLICATION NUMBER: US/09/480.884A
; CURRENT FILING DATE: 2001-08-27
; NUMBER OF SEQ ID NOS: 330
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 227
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-480-884A-227

Query Match 44.9%; Score 22; DB 4; Length 9;
Best Local Similarity 66.7%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Oy 1 FLYDDN 6
| : | : | :
Db 1 FLLNDN 6

RESULT 33

US-09-542-615A-227
; Sequence 227, Application US/09542615A
; Patent No. 6518256
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Fan, Liqun
; APPLICANT: Kalos, Michael D.
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Hosken, Nancy A.
; APPLICANT: Fanger, Gary R.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
; FILE REFERENCE: 210121.455C8
; CURRENT APPLICATION NUMBER: US/09/542.615A
; CURRENT FILING DATE: 2000-04-14
; NUMBER OF SEQ ID NOS: 350
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 227
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-542-615A-227

Query Match 44.9%; Score 22; DB 4; Length 9;
Best Local Similarity 66.7%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Oy 1 FLYDDN 6
| : | : | :
Db 1 FLLNDN 6

RESULT 34

US-09-606-421B-227
; Sequence 227, Application US/09606421B
; Patent No. 6531315
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Fan, Liqun
; APPLICANT: Kalos, Michael D.
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Hosken, Nancy
; APPLICANT: Fanger, Gary R.
; APPLICANT: Li, Samuel X.
; APPLICANT: Wang, Aijun
; APPLICANT: Skeiky, Yasir A.W.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
; FILE REFERENCE: 210121.455C9
; CURRENT APPLICATION NUMBER: US/09/606.421B
; CURRENT FILING DATE: 2000-06-28
; NUMBER OF SEQ ID NOS: 358
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 227
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-606-421B-227

Query Match 44.9%; Score 22; DB 4; Length 9;
Best Local Similarity 66.7%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDN 6
Db 1 FLLNDN 6

RESULT 35

US-09-839-542B-1323
; Sequence 1323, Application US/09839542B
; Patent No. 6569996
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Symonds, James Matthew
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407D1
; CURRENT APPLICATION NUMBER: US/09/839,542B
; CURRENT FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1323
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-839-542B-1323

Query Match 44.9%; Score 22; DB 4; Length 9;
Best Local Similarity 42.9%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 7
Db 3 FIIDENK 9

RESULT 36

US-09-839-542B-1328
; Sequence 1328, Application US/09839542B
; Patent No. 6569996
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Symonds, James Matthew
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407D1
; CURRENT APPLICATION NUMBER: US/09/839,542B
; CURRENT FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1328
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-839-542B-1328

Query Match 44.9%; Score 22; DB 4; Length 9;
Best Local Similarity 42.9%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 7
Db 3 FIIDENK 9

RESULT 37

US-09-839-542B-3897

; Sequence 3897, Application US/09839542B
; Patent No. 6569996
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Symonds, James Matthew
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407D1
; CURRENT APPLICATION NUMBER: US/09/839,542B
; CURRENT FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3897
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-839-542B-3897

Query Match 44.9%; Score 22; DB 4; Length 9;
Best Local Similarity 37.5%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 8
Db 2 FIIDENK 9

RESULT 38

US-09-839-542B-3907
; Sequence 3907, Application US/09839542B
; Patent No. 6569996
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Symonds, James Matthew
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407D1
; CURRENT APPLICATION NUMBER: US/09/839,542B
; CURRENT FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3907
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-839-542B-3907

Query Match 44.9%; Score 22; DB 4; Length 9;
Best Local Similarity 37.5%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 8
Db 2 FIIDENK 9

RESULT 39

US-09-476-496A-227
; Sequence 227, Application US/09476496A
; Patent No. 6706262
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Hosken, Nancy A.
; APPLICANT: Kalos, Michael D.
; APPLICANT: Fanger, Gary R.

; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THERAPY OF
; TITLE OF INVENTION: LUNG CANCER
; FILE REFERENCE: 210121.455C5
; CURRENT APPLICATION NUMBER: US/09/476.496A
; CURRENT FILING DATE: 1999-12-30
; NUMBER OF SEQ ID NOS: 254
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 227
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-476-496A-227

Query Match 44.9%; Score 22; DB 4; Length 9;
Best Local Similarity 66.7%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDN 6
||:|:|
Db 1 FLLNDN 6

RESULT 40

US-09-630-940B-227
; Sequence 227, Application US/09630940B
; Patent No. 6737514

GENERAL INFORMATION:

; APPLICANT: Wang, Tongtong
; APPLICANT: Fan, Liqun
; APPLICANT: Kalos, Michael D.
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Hosken, Nancy
; APPLICANT: Fanger, Gary R.
; APPLICANT: Li, Samuel X.
; APPLICANT: Wang, Aijun
; APPLICANT: Skeiky, Yasir A.W.
; APPLICANT: Henderson, Robert A.
; APPLICANT: McNeill, Patricia D.

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER

; FILE REFERENCE: 210121.455C10
; CURRENT APPLICATION NUMBER: US/09/630.940B
; CURRENT FILING DATE: 2000-08-02
; NUMBER OF SEQ ID NOS: 367
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 227

; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-630-940B-227

Query Match 44.9%; Score 22; DB 4; Length 9;
Best Local Similarity 66.7%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDN 6
||:|:|
Db 1 FLLNDN 6

RESULT 41

US-09-187-859-3898
; Sequence 3898, Application US/09187859A
; Patent No. 6358920

GENERAL INFORMATION:

; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407C1

; CURRENT APPLICATION NUMBER: US/09/187.859A
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 4052

; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3898
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-187-859-3898

Query Match 44.9%; Score 22; DB 3; Length 10;
Best Local Similarity 37.5%; Pred. No. 5.6e+02;
Matches 3; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1 FLYDDNOR 8
||:|:|:|
Db 3 FIIDENTK 10

RESULT 42

US-09-187-859-3908
; Sequence 3908, Application US/09187859A
; Patent No. 6358920

GENERAL INFORMATION:

; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407C1
; CURRENT APPLICATION NUMBER: US/09/187.859A
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3908

; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-187-859-3908

Query Match 44.9%; Score 22; DB 3; Length 10;
Best Local Similarity 37.5%; Pred. No. 5.6e+02;
Matches 3; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1 FLYDDNOR 8
||:|:|:|
Db 3 FIIDENTK 10

RESULT 43

US-09-839-542B-3898
; Sequence 3898, Application US/09839542B
; Patent No. 6569996

GENERAL INFORMATION:

; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Symonds, James Matthew
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407D1

; CURRENT APPLICATION NUMBER: US/09/839.542B
; CURRENT FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3898

; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence

US-09-839-542B-3898

Query Match 44.9%; Score 22; DB 4; Length 10;
Best Local Similarity 37.5%; Pred. No. 5.6e+02;
Matches 3; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1 FLYDDNOR 8
|:|:|:
Db 3 FIIDENTK 10

RESULT 44

US-09-839-542B-3908
; Sequence 3908, Application US/09839542B
; Patent No. 6569996
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Symonds, James Matthew
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407D1
; CURRENT APPLICATION NUMBER: US/09/839,542B
; CURRENT FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3908
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-839-542B-3908

Query Match 44.9%; Score 22; DB 4; Length 10;
Best Local Similarity 37.5%; Pred. No. 5.6e+02;
Matches 3; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1 FLYDDNOR 8
|:|:|:
Db 3 FIIDENTK 10

RESULT 45

US-08-457-274A-5
; Sequence 5, Application US/08457274A
; Patent No. 5734086
; GENERAL INFORMATION:
; APPLICANT: Scott, Jeffrey G.
; APPLICANT: Tomita, Takashi
; TITLE OF INVENTION: Cytochrome P450lpr Gene and Its Uses
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle
; STREET: P. O. Box 1051, Clinton Square
; CITY: Rochester
; STATE: New York
; COUNTRY: USA
; ZIP: 14603
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,274A
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldman, Michael L.
; REGISTRATION NUMBER: 30,727
; REFERENCE/DOCKET NUMBER: 19603/240 (D-1519)

TELECOMMUNICATION INFORMATION:

; TELEPHONE: 716-263-1304
; TELEFAX: 716-263-1600
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-457-274A-5

Query Match 42.9%; Score 21; DB 1; Length 6;
Best Local Similarity 50.0%; Pred. No. 4.1e+05;
Matches 3; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 4 DDNQRV 9
|:|:|:
Db 1 DDNDKL 6

RESULT 46

US-09-187-859-191
; Sequence 191, Application US/09187859A
; Patent No. 6358920
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407C1
; CURRENT APPLICATION NUMBER: US/09/187,859A
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 191
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative linear modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-187-859-191

Query Match 42.9%; Score 21; DB 3; Length 6;
Best Local Similarity 50.0%; Pred. No. 4.1e+05;
Matches 3; Conservative 2; Mismatches 1; Indels 0; Gaps 3;

QY 1 FLYDDN 6
|:|:|:
Db 1 FIIDEN 6

RESULT 47

US-09-187-859-1367
; Sequence 1367, Application US/09187859A
; Patent No. 6358920
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407C1
; CURRENT APPLICATION NUMBER: US/09/187,859A
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1367
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on

; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-187-859-1367

Query Match 42.9%; Score 21; DB 3; Length 6;
Best Local Similarity 50.0%; Pred. No. 4.1e+05;
Matches 3; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDN 6
|:|:|
Db 1 FIIDEN 6

RESULT 48

US-09-187-859-1559 Application US/09187859A
; Sequence 1559, Patent No. 6358920
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407C1
; CURRENT APPLICATION NUMBER: US/09/187,859A
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1559
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-187-859-1559

Query Match 42.9%; Score 21; DB 3; Length 6;
Best Local Similarity 50.0%; Pred. No. 4.1e+05;
Matches 3; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDN 6
|:|:|
Db 1 FIIDEN 6

RESULT 49

US-09-839-542B-191 Application US/09839542B
; Sequence 191, Patent No. 6569996
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Symonds, James Matthew
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407D1
; CURRENT APPLICATION NUMBER: US/09/839,542B
; CURRENT FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 191
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative linear modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-839-542B-191

Query Match 42.9%; Score 21; DB 4; Length 6;
Best Local Similarity 50.0%; Pred. No. 4.1e+05;
Matches 3; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDN 6

Db 1 FIIDEN 6
|:|:|

RESULT 50

US-09-839-542B-1367 Application US/09839542B
; Sequence 1367, Patent No. 6569996
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Symonds, James Matthew
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
; FILE REFERENCE: 100086.407D1
; CURRENT APPLICATION NUMBER: US/09/839,542B
; CURRENT FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1367
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
US-09-839-542B-1367

Query Match 42.9%; Score 21; DB 4; Length 6;
Best Local Similarity 50.0%; Pred. No. 4.1e+05;
Matches 3; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDN 6
|:|:|
Db 1 FIIDEN 6

Search completed: November 3, 2005, 13:08:54
Job time : 42 secs

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85 23 46.9 10 20 US-11-067-159-556 Sequence 556, App
86 22 44.9 7 11 US-09-796-076-2 Sequence 2, Appli
87 22 44.9 7 14 US-10-083-815-2 Sequence 2, Appli
88 22 44.9 7 16 US-10-688-925-35 Sequence 35, Appl
89 22 44.9 8 14 US-10-006-869-1322 Sequence 1322, Ap
90 22 44.9 8 14 US-10-006-869-1322 Sequence 1327, Ap
91 22 44.9 8 14 US-10-022-066-595 Sequence 595, App
92 22 44.9 8 15 US-10-395-032-1322 Sequence 1322, Ap
93 22 44.9 8 15 US-10-395-032-1322 Sequence 1327, Ap
94 22 44.9 8 16 US-10-128-520-62 Sequence 62, Appl
95 22 44.9 8 18 US-10-826-132-41 Sequence 41, Appl
96 22 44.9 8 20 US-11-004-107-1322 Sequence 1322, Ap
97 22 44.9 8 20 US-11-004-107-1322 Sequence 1327, Ap
98 22 44.9 9 9 US-09-735-705-227 Sequence 227, App
99 22 44.9 9 9 US-09-834-765-28 Sequence 28, Appl
100 22 44.9 9 9 US-09-850-716A-227 Sequence 227, App
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ALIGNMENTS

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RESULT 1
US-10-006-177-4
; Sequence 4, Application US/10006177
; Publication No. US20030165513A1
; GENERAL INFORMATION:
; APPLICANT: Ramakrishna, Venky
; APPLICANT: Ross, Mark
; APPLICANT: Philip, Ramila
; TITLE OF INVENTION: Cytotoxic T-Lymphocyte-Inducing Immunogens for Prevention, Treatm
; TITLE OF INVENTION: Diagnosis of Cancer
; FILE REFERENCE: 26747-35
; CURRENT APPLICATION NUMBER: US/10/006,177
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US/60/251,022
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: US/60/256,824
; PRIOR FILING DATE: 2000-12-20
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Epitopic Peptide
US-10-006-177-4
```

```
Query Match 100.0%; Score 49; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.7e+06;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 FLYDDNORV 9
Db 1 FLYDDNORV 9
|||
|||

RESULT 2
US-09-775-805-64
; Sequence 64, Application US/09775805
; Publication No. US20010036461A1
; GENERAL INFORMATION:
; APPLICANT: DUKE UNIVERSITY
; TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS VACCINE
; FILE REFERENCE: 1579-548
; CURRENT APPLICATION NUMBER: US/09/775,805
; CURRENT FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: 09/497,497
; PRIOR FILING DATE: 2000-02-04
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 64
; LENGTH: 10
```

```
; TYPE: PRT
; ORGANISM: Macaque sp.
US-09-775-805-64
Query Match 61.2%; Score 30; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 YDDNQ 7
Db 4 YDDNQ 8
|||||

RESULT 3
US-10-753-339-64
; Sequence 64, Application US/10753339
; Publication No. US20040197344A1
; GENERAL INFORMATION:
; APPLICANT: DUKE UNIVERSITY
; TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS VACCINE
; FILE REFERENCE: 1579-880
; CURRENT APPLICATION NUMBER: US/10/753,339
; CURRENT FILING DATE: 2004-01-09
; PRIOR APPLICATION NUMBER: 09/775,805
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: 09/497,497
; PRIOR FILING DATE: 2000-02-04
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 64
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Macaque sp.
US-10-753-339-64
Query Match 61.2%; Score 30; DB 16; Length 10;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 YDDNQ 7
Db 4 YDDNQ 8
|||||

RESULT 4
US-10-891-972-59
; Sequence 59, Application US/10891972
; Publication No. US20050065327A1
; GENERAL INFORMATION:
; APPLICANT: Monk, Phillip David
; APPLICANT: Jeremutus, Lutz
; APPLICANT: Shorrock, Celia Patricia
; APPLICANT: Minter, Ralph Raymond
; TITLE OF INVENTION: HUMAN ANTIBODY MOLECULES FOR IL-13
; FILE REFERENCE: 05569.0008.NPUS03
; CURRENT APPLICATION NUMBER: US/10/891,972
; CURRENT FILING DATE: 2004-07-15
; PRIOR APPLICATION NUMBER: US 60/487,512
; PRIOR FILING DATE: 2003-07-15
; PRIOR APPLICATION NUMBER: US 60/558,216
; PRIOR FILING DATE: 2004-03-31
; PRIOR APPLICATION NUMBER: US 60/573,791
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: GB 0407315.1
; PRIOR FILING DATE: 2004-03-31
; NUMBER OF SEQ ID NOS: 172
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 59
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: CDR2 OF LIGHT CHAIN OF BAK167A11
```

US-10-891-972-59

Query Match 57.1%; Score 28; DB 17; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.7e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 DDNQR 8
Db 1 DDNQR 5

RESULT 5

US-10-891-972-145
; Sequence 145, Application US/10891972
; Publication No. US20050065327A1
; GENERAL INFORMATION:
; APPLICANT: Monk, Phillip David
; APPLICANT: Jermutus, Lutz
; APPLICANT: Shorrock, Celia Patricia
; APPLICANT: Minter, Ralph Raymond
; TITLE OF INVENTION: HUMAN ANTIBODY MOLECULES FOR IL-13
; FILE REFERENCE: 05569.0008.NPUS03
; CURRENT APPLICATION NUMBER: US/10/891,972
; CURRENT FILING DATE: 2004-07-15
; PRIOR APPLICATION NUMBER: US 60/487,512
; PRIOR FILING DATE: 2003-07-15
; PRIOR APPLICATION NUMBER: US 60/558,216
; PRIOR FILING DATE: 2004-03-31
; PRIOR APPLICATION NUMBER: US 60/573,791
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: GB 0407315.1
; PRIOR FILING DATE: 2004-03-31
; NUMBER OF SEQ ID NOS: 172
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 145
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: CDR2 OF LIGHT CHAIN OF BAK582F7

US-10-891-972-145

Query Match 57.1%; Score 28; DB 17; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.7e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 DDNQR 8
Db 1 DDNQR 5

RESULT 6

US-10-891-972-151
; Sequence 151, Application US/10891972
; Publication No. US20050065327A1
; GENERAL INFORMATION:
; APPLICANT: Monk, Phillip David
; APPLICANT: Jermutus, Lutz
; APPLICANT: Shorrock, Celia Patricia
; APPLICANT: Minter, Ralph Raymond
; TITLE OF INVENTION: HUMAN ANTIBODY MOLECULES FOR IL-13
; FILE REFERENCE: 05569.0008.NPUS03
; CURRENT APPLICATION NUMBER: US/10/891,972
; CURRENT FILING DATE: 2004-07-15
; PRIOR APPLICATION NUMBER: US 60/487,512
; PRIOR FILING DATE: 2003-07-15
; PRIOR APPLICATION NUMBER: US 60/558,216
; PRIOR FILING DATE: 2004-03-31
; PRIOR APPLICATION NUMBER: US 60/573,791
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: GB 0407315.1
; PRIOR FILING DATE: 2004-03-31
; NUMBER OF SEQ ID NOS: 172

; NUMBER OF SEQ ID NOS: 172

; SOFTWARE: PatentIn version 3.3

; SEQ ID NO 151
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: CDR2 OF LIGHT CHAIN OF BAK612B5
US-10-891-972-151

Query Match 57.1%; Score 28; DB 17; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.7e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 DDNQR 8
Db 1 DDNQR 5

RESULT 7

US-10-891-972-157
; Sequence 157, Application US/10891972
; Publication No. US20050065327A1
; GENERAL INFORMATION:
; APPLICANT: Monk, Phillip David
; APPLICANT: Jermutus, Lutz
; APPLICANT: Shorrock, Celia Patricia
; APPLICANT: Minter, Ralph Raymond
; TITLE OF INVENTION: HUMAN ANTIBODY MOLECULES FOR IL-13
; FILE REFERENCE: 05569.0008.NPUS03
; CURRENT APPLICATION NUMBER: US/10/891,972
; CURRENT FILING DATE: 2004-07-15
; PRIOR APPLICATION NUMBER: US 60/487,512
; PRIOR FILING DATE: 2003-07-15
; PRIOR APPLICATION NUMBER: US 60/558,216
; PRIOR FILING DATE: 2004-03-31
; PRIOR APPLICATION NUMBER: US 60/573,791
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: GB 0407315.1
; PRIOR FILING DATE: 2004-03-31
; NUMBER OF SEQ ID NOS: 172
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 157
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: CDR2 OF LIGHT CHAIN OF BAK615E3

US-10-891-972-157

Query Match 57.1%; Score 28; DB 17; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.7e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 DDNQR 8
Db 1 DDNQR 5

RESULT 8

US-09-809-638-473
; Sequence 473, Application US/09809638
; Publication No. US20030059895A1
; GENERAL INFORMATION:
; APPLICANT: Mary Paris
; APPLICANT: Pia M. Challita-Eid
; APPLICANT: Steve Chappell Mitchell
; APPLICANT: Daniel E.H. Afar
; APPLICANT: Arthur B. Raitano
; APPLICANT: Aya Jakobovits
; TITLE OF INVENTION: 125P5C8: A TISSUE SPECIFIC PROTEIN
; TITLE OF INVENTION: HIGHLY EXPRESSED IN VARIOUS CANCERS
; FILE REFERENCE: 129.35US01
; CURRENT APPLICATION NUMBER: US/09/809,638

```
; CURRENT FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 746
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 473
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-809-638-473

Query Match      57.1%; Score 28; DB 10; Length 10;
Best Local Similarity 71.4%; Pred. No. 1.2e+02;
Matches 5; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 3 YDDNQRV 9
Db 2 YRDNQKV 8

RESULT 9
US-09-252-150-79
; Sequence 79, Application US/09252150A
; Patent No. US20020155604A1
; GENERAL INFORMATION:
; APPLICANT: Ledbetter, Jeffrey A.
; APPLICANT: Hayden Ledbetter, Martha
; APPLICANT: Brady, William A.
; APPLICANT: Grosmaire, Laura S.
; APPLICANT: Law, Che-Leung
; APPLICANT: Dua, Raj
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR REGULATING
; FILE REFERENCE: 9113-0019-999
; CURRENT APPLICATION NUMBER: US/09/252,150A
; CURRENT FILING DATE: 1999-02-18
; EARLIER APPLICATION NUMBER: US 60/075,274
; EARLIER FILING DATE: 1998-02-19
; EARLIER APPLICATION NUMBER: US 60/108,683
; EARLIER FILING DATE: 1998-11-16
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 79
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-252-150-79

Query Match      55.1%; Score 27; DB 9; Length 9;
Best Local Similarity 57.1%; Pred. No. 1.7e+06;
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 7
Db 1 YCYDDHQ 7

RESULT 10
US-10-646-381-79
; Sequence 79, Application US/10646381
; Publication No. US20040253250A1
; GENERAL INFORMATION:
; APPLICANT: Ledbetter, Jeffrey A.
; APPLICANT: Hayden Ledbetter, Martha
; APPLICANT: Brady, William A.
; APPLICANT: Grosmaire, Laura S.
; APPLICANT: Law, Che-Leung
; APPLICANT: Dua, Raj
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR REGULATING
; FILE REFERENCE: 980034.408C1
; CURRENT APPLICATION NUMBER: US/10/646,381
; CURRENT FILING DATE: 2003-08-21
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 79
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-646-381-79

Query Match      55.1%; Score 27; DB 16; Length 9;
Best Local Similarity 57.1%; Pred. No. 1.7e+06;
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 7
Db 1 YCYDDHQ 7

RESULT 11
US-09-997-209-40
; Sequence 40, Application US/09997209
; Publication No. US20030096401A1
; GENERAL INFORMATION:
; APPLICANT: Huse, William D.
; TITLE OF INVENTION: Eukaryotic Expression Libraries and
; FILE REFERENCE: P-IX 5066
; CURRENT APPLICATION NUMBER: US/09/997,209
; CURRENT FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: US 09/724,762
; PRIOR FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 40
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: BRP variant
US-09-997-209-40

Query Match      53.1%; Score 26; DB 10; Length 8;
Best Local Similarity 80.0%; Pred. No. 1.7e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDD 5
Db 2 FVYDD 6

RESULT 12
US-10-284-400-19
; Sequence 19, Application US/10284400
; Publication No. US20030143245A1
; GENERAL INFORMATION:
; APPLICANT: Reddish, Mark A.
; APPLICANT: Hu, Mary C.
; APPLICANT: Walls, Michael A.
; APPLICANT: Dale, James B.
; TITLE OF INVENTION: MULTIVALENT STREPTOCOCCAL VACCINE COMPOSITIONS AND
; FILE REFERENCE: 481112.413
; CURRENT APPLICATION NUMBER: US/10/284,400
; CURRENT FILING DATE: 2002-10-28
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Carboxy terminal tag sequence
US-10-284-400-19

Query Match      53.1%; Score 26; DB 14; Length 8;
Best Local Similarity 57.1%; Pred. No. 1.7e+06;
```

Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Oy 2 LYDDNQR 8
||||:;
Db 2 LYDDDDK 8

RESULT 13

US-10-284-083-13
; Sequence 13, Application US/10284083
; Publication No. US20030143685A1

; GENERAL INFORMATION:

; APPLICANT: Hu, Mary C.

; TITLE OF INVENTION: EFFICIENT PROTEIN EXPRESSION SYSTEM

; FILE REFERENCE: 480094.429

; CURRENT APPLICATION NUMBER: US/10/284,083

; CURRENT FILING DATE: 2002-10-28

; NUMBER OF SEQ ID NOS: 13

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 13

; LENGTH: 8

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Carboxy terminal tag sequence

US-10-284-083-13

Query Match 53.1%; Score 26; DB 14; Length 8;
Best Local Similarity 57.1%; Pred. No. 1.7e+06;
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Oy 2 LYDDNQR 8
||||:;
Db 2 LYDDDDK 8

RESULT 14

US-10-268-336-8
; Sequence 8, Application US/10268336
; Publication No. US20030157122A1

; GENERAL INFORMATION:

; APPLICANT: Dale, James B.

; TITLE OF INVENTION: STREPTOCOCCAL STREPTOLYSIN S VACCINES

; FILE REFERENCE: 481112.412C1

; CURRENT APPLICATION NUMBER: US/10/268,336

; CURRENT FILING DATE: 2002-10-09

; NUMBER OF SEQ ID NOS: 8

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 8

; LENGTH: 8

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Tag amino acid sequence

US-10-268-336-8

Query Match 53.1%; Score 26; DB 14; Length 8;
Best Local Similarity 57.1%; Pred. No. 1.7e+06;
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Oy 2 LYDDNQR 8
||||:;
Db 2 LYDDDDK 8

RESULT 15

US-10-460-524-16
; Sequence 16, Application US/10460524
; Publication No. US20040029781A1

; GENERAL INFORMATION:

; APPLICANT: Hernan, Ronald A

; APPLICANT: Mehlig, Richard J

; APPLICANT: Brockie, Ian

; APPLICANT: Jenkins, Elizabeth
; TITLE OF INVENTION: Affinity Peptides and Method for Purification of Recombinant Protein
; FILE REFERENCE: SGM 7047.1
; CURRENT APPLICATION NUMBER: US/10/460,524
; CURRENT FILING DATE: 2003-06-12
; PRIOR APPLICATION NUMBER: US 60/388,059
; PRIOR FILING DATE: 2002-06-12
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 8
; TYPE: PRT
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: XpresSTM leader peptide
US-10-460-524-16

Query Match 53.1%; Score 26; DB 15; Length 8;
Best Local Similarity 57.1%; Pred. No. 1.7e+06;
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Oy 2 LYDDNQR 8
||||:;
Db 2 LYDDDDK 8

RESULT 16

US-10-296-718-5
; Sequence 5, Application US/10296718
; Publication No. US20040053249A1

; GENERAL INFORMATION:

; APPLICANT: TOHMA, Junko

; TITLE OF INVENTION: FAS LIGAND FUSION PROTEIN

; FILE REFERENCE: 1110-0313P

; CURRENT APPLICATION NUMBER: US/10/296,718

; CURRENT FILING DATE: 2003-07-09

; NUMBER OF SEQ ID NOS: 19

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 5

; LENGTH: 8

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic FLAG-like peptide

US-10-296-718-5

Query Match 53.1%; Score 26; DB 15; Length 8;
Best Local Similarity 57.1%; Pred. No. 1.7e+06;
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Oy 2 LYDDNQR 8
||||:;
Db 2 LYDDDDK 8

RESULT 17

US-10-433-206-40
; Sequence 40, Application US/10433206
; Publication No. US20040087014A1

; GENERAL INFORMATION:

; APPLICANT: Applied Molecular Evolution, Inc.

; TITLE OF INVENTION: Eukaryotic Expression Libraries Based on

; FILE REFERENCE: Double Lox Recombination and Methods of Use

; CURRENT APPLICATION NUMBER: US/10/433,206

; CURRENT FILING DATE: 2003-05-28

; PRIOR APPLICATION NUMBER: US 09/724,762

; PRIOR FILING DATE: 2000-11-28

; PRIOR APPLICATION NUMBER: PCT/US01/44600

; PRIOR FILING DATE: 2001-11-28

; NUMBER OF SEQ ID NOS: 90

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 40

OTHER INFORMATION: Peptide
US-10-931-916-76

Query Match 53.1%; Score 26; DB 17; Length 8;
Best Local Similarity 57.1%; Pred. No. 1.7e+06;
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
| | | | :
Db 2 LYDDDDK 8

RESULT 22

US-10-505-486-20
; Sequence 20, Application US/10505486
; Publication No. US20050118639A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; TITLE OF INVENTION: Determination of a ligand
; FILE REFERENCE: P03-0006PCT
; CURRENT APPLICATION NUMBER: US/10/505,486
; PRIOR FILING DATE: 2004-08-20
; PRIOR APPLICATION NUMBER: JP 2002-45728
; PRIOR FILING DATE: 2002-02-22
; PRIOR APPLICATION NUMBER: JP 2002-213949
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: JP 2002-298237
; PRIOR FILING DATE: 2002-10-11
; NUMBER OF SEQ ID NOS: 233
; SEQ ID NO 20
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Xpress-tag
US-10-505-486-20

Query Match 53.1%; Score 26; DB 17; Length 8;
Best Local Similarity 57.1%; Pred. No. 1.7e+06;
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
| | | | :
Db 2 LYDDDDK 8

RESULT 23

US-10-684-232-56
; Sequence 56, Application US/10684232
; Publication No. US20040146892A1
; GENERAL INFORMATION:
; APPLICANT: Murphy, Anne N
; APPLICANT: Cleveland, William
; APPLICANT: Wiley, Sandra Eileen
; APPLICANT: Andreyev, Alexander Y.
; APPLICANT: Frigeri, Luciano G.
; APPLICANT: Velicelebi, Gonul
; APPLICANT: Davis, Robert E.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING
; TITLE OF INVENTION: INTERACTIONS OF MITOCHONDRIAL COMPONENTS, AND FOR
; TITLE OF INVENTION: IDENTIFYING AGENTS THAT ALTER SUCH INTERACTIONS
; FILE REFERENCE: 660088.433C2
; CURRENT APPLICATION NUMBER: US/10/684,232
; CURRENT FILING DATE: 2003-10-10
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 56
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Epitope tag
US-10-684-232-56

Query Match 53.1%; Score 26; DB 18; Length 8;
Best Local Similarity 57.1%; Pred. No. 1.7e+06;
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
| | | | :
Db 2 LYDDDDK 8

RESULT 24

US-10-032-037B-3
; Sequence 3, Application US/10032037B
; Publication No. US20040001822A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; FILE REFERENCE: 10793/44
; CURRENT APPLICATION NUMBER: US/10/032,037B
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 2000-12-29
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-037B-3

Query Match 53.1%; Score 26; DB 15; Length 9;
Best Local Similarity 71.4%; Pred. No. 1.7e+06;
Matches 5; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 YDDNQRV 9
| | | | |
Db 3 YDSNLRV 9

RESULT 25

US-10-029-988B-3
; Sequence 3, Application US/10029988B
; Publication No. US20040001839A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; FILE REFERENCE: 10793/46
; CURRENT APPLICATION NUMBER: US/10/029,988B
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 2000-12-29
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-029-988B-3

Query Match 53.1%; Score 26; DB 15; Length 9;
Best Local Similarity 71.4%; Pred. No. 1.7e+06;
Matches 5; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 YDDNQRV 9
| | | | |
Db 3 YDSNLRV 9

RESULT 26

US-10-032-423A-3
; Sequence 3, Application US/10032423A

```
; Publication No. US20040002450A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; FILE REFERENCE: 10793/45
; CURRENT APPLICATION NUMBER: US/10/032.423A
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 12/29/2000
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-423A-3

Query Match      53.1%; Score 26; DB 15; Length 9;
Best Local Similarity 71.4%; Pred. No. 1.7e+06;
Matches 5; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      3 YDDNQRV 9
      ||| |||
Db      3 YDSNLRV 9

RESULT 27
US-10-029-926B-3
; Sequence 3, Application US/10029926B
; Publication No. US20040073011A1
; GENERAL INFORMATION:
; APPLICANT: HAGAY, et al.
; TITLE OF INVENTION: SPECIFIC HUMAN ANTIBODIES FOR SELECTIVE CANCER THERAPY
; FILE REFERENCE: 10793/50
; CURRENT APPLICATION NUMBER: US/10/029,926B
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 12/29/2000
; NUMBER OF SEQ ID NOS: 203
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-029-926B-3

Query Match      53.1%; Score 26; DB 15; Length 9;
Best Local Similarity 71.4%; Pred. No. 1.7e+06;
Matches 5; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      3 YDDNQRV 9
      ||| |||
Db      3 YDSNLRV 9

RESULT 28
US-09-731-221-5
; Sequence 5, Application US/09731221
; Patent No. US20020018778A1
; GENERAL INFORMATION:
; APPLICANT: Caplan, Michael
; TITLE OF INVENTION: Passive Desensitization
; FILE REFERENCE: 2002834-0103
; CURRENT APPLICATION NUMBER: US/09/731.221
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Description of Artificial Sequence:Arachis
; OTHER INFORMATION: Hypogaea
US-09-731-221-5

Query Match      53.1%; Score 26; DB 9; Length 10;
Best Local Similarity 66.7%; Pred. No. 2.8e+02;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      3 YDDNQR 8
      ||| :|
Db      4 YDDDRR 9

RESULT 29
US-10-228-806-11
; Sequence 11, Application US/10228806
; Publication No. US20030049237A1
; GENERAL INFORMATION:
; APPLICANT: Bannan, et al.
; TITLE OF INVENTION: Methods and Reagents for Decreasing Clinical Reactions
; FILE REFERENCE: 2002834-0043
; CURRENT APPLICATION NUMBER: US/10/228,806
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Arachis hypogaea
US-10-228-806-11

Query Match      53.1%; Score 26; DB 14; Length 10;
Best Local Similarity 66.7%; Pred. No. 2.8e+02;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      3 YDDNQR 8
      ||| :|
Db      4 YDDDRR 9

RESULT 30
US-10-228-806-52
; Sequence 52, Application US/10228806
; Publication No. US20030049237A1
; GENERAL INFORMATION:
; APPLICANT: Bannan, et al.
; TITLE OF INVENTION: Methods and Reagents for Decreasing Clinical Reactions
; FILE REFERENCE: 2002834-0043
; CURRENT APPLICATION NUMBER: US/10/228,806
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 52
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Arachis hypogaea
US-10-228-806-52

Query Match      53.1%; Score 26; DB 14; Length 10;
Best Local Similarity 66.7%; Pred. No. 2.8e+02;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      3 YDDNQR 8
      ||| :|
Db      4 YDDDRR 9

RESULT 31
US-10-228-806-53
; Sequence 53, Application US/10228806
; Publication No. US20030049237A1
```



```

; GENERAL INFORMATION:
; APPLICANT: Bannon, et al.
; TITLE OF INVENTION: Methods and Reagents for Decreasing Clinical Reactions
; FILE REFERENCE: 2002834-0043
; CURRENT APPLICATION NUMBER: US/10/228,806
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 53
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Arachis hypogaea
US-10-228-806-53

Query Match          53.1%; Score 26; DB 14; Length 10;
Best Local Similarity 66.7%; Pred. No. 2.8e+02;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 3 YDDNQR 8
Db 3 YDDRR 8

RESULT 32
US-10-228-806-54
; Sequence 54, Application US/10228806
; Publication No. US20030049237A1
; GENERAL INFORMATION:
; APPLICANT: Bannon, et al.
; TITLE OF INVENTION: Methods and Reagents for Decreasing Clinical Reactions
; FILE REFERENCE: 2002834-0043
; CURRENT APPLICATION NUMBER: US/10/228,806
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 54
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Arachis hypogaea
US-10-228-806-54

Query Match          53.1%; Score 26; DB 14; Length 10;
Best Local Similarity 66.7%; Pred. No. 2.8e+02;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 3 YDDNQR 8
Db 1 YDDRR 6

RESULT 33
US-10-100-303A-13
; Sequence 13, Application US/10100303A
; Publication No. US20030202980A1
; GENERAL INFORMATION:
; APPLICANT: Caplan, et al.
; TITLE OF INVENTION: Methods and Reagents for Decreasing Clinical Reaction
; FILE REFERENCE: 2002834-0166
; CURRENT APPLICATION NUMBER: US/10/100,303A
; CURRENT FILING DATE: 2002-03-18
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Arachis hypogaea, Prot/Nucleo-Ara h 1
US-10-100-303A-13

Query Match          53.1%; Score 26; DB 15; Length 10;
Best Local Similarity 66.7%; Pred. No. 2.8e+02;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 3 YDDNQR 8
Db 1 YDDRR 6
```

```

Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 3 YDDNQR 8
Db 4 YDDRR 9

RESULT 34
US-10-100-303A-39
; Sequence 39, Application US/10100303A
; Publication No. US20030202980A1
; GENERAL INFORMATION:
; APPLICANT: Caplan, et al.
; TITLE OF INVENTION: Methods and Reagents for Decreasing Clinical Reaction
; FILE REFERENCE: 2002834-0166
; CURRENT APPLICATION NUMBER: US/10/100,303A
; CURRENT FILING DATE: 2002-03-18
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 39
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Arachis hypogaea, Prot/Nucleo-Ara h 1
US-10-100-303A-39

Query Match          53.1%; Score 26; DB 15; Length 10;
Best Local Similarity 66.7%; Pred. No. 2.8e+02;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 3 YDDNQR 8
Db 5 YDDRR 10

RESULT 35
US-10-100-303A-40
; Sequence 40, Application US/10100303A
; Publication No. US20030202980A1
; GENERAL INFORMATION:
; APPLICANT: Caplan, et al.
; TITLE OF INVENTION: Methods and Reagents for Decreasing Clinical Reaction
; FILE REFERENCE: 2002834-0166
; CURRENT APPLICATION NUMBER: US/10/100,303A
; CURRENT FILING DATE: 2002-03-18
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 40
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Arachis hypogaea, Prot/Nucleo-Ara h 1
US-10-100-303A-40

Query Match          53.1%; Score 26; DB 15; Length 10;
Best Local Similarity 66.7%; Pred. No. 2.8e+02;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 3 YDDNQR 8
Db 3 YDDRR 8

RESULT 36
US-10-100-303A-41
; Sequence 41, Application US/10100303A
; Publication No. US20030202980A1
; GENERAL INFORMATION:
; APPLICANT: Caplan, et al.
; TITLE OF INVENTION: Methods and Reagents for Decreasing Clinical Reaction
; FILE REFERENCE: 2002834-0166
; CURRENT APPLICATION NUMBER: US/10/100,303A
; CURRENT FILING DATE: 2002-03-18
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 41
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Arachis hypogaea, Prot/Nucleo-Ara h 1
US-10-100-303A-41

Query Match          53.1%; Score 26; DB 15; Length 10;
Best Local Similarity 66.7%; Pred. No. 2.8e+02;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 3 YDDNQR 8
Db 3 YDDRR 8
```

; CURRENT FILING DATE: 2002-03-18
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 41
; LENGTH: 10
; TYPE: PRF
; ORGANISM: Arachis hypogaea, Prot/Nucleo-Ara h 1
US-10-100-303A-41

Query Match 53.1%; Score 26; DB 15; Length 10;
Best Local Similarity 66.7%; Pred. No. 2.8e+02;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 3 YDDNQR 8
Db 1 YDDRR 6

RESULT 37

US-10-899-551-11
; Sequence 11, Application US/10899551
; Publication No. US20050063994A1
; GENERAL INFORMATION:
; APPLICANT: Caplan, Michael J.
; APPLICANT: Burks, A. Wesley
; APPLICANT: Sampson, Hugh A.
; APPLICANT: Howard, Robin B.
; APPLICANT: Bottomly, Kim H.
; TITLE OF INVENTION: Methods and Reagents for Decreasing Clinical Reaction to Allergy
; FILE REFERENCE: 2002834-0233
; CURRENT APPLICATION NUMBER: US/10/899,551
; CURRENT FILING DATE: 2004-07-26
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11
; LENGTH: 10
; TYPE: PRF
; ORGANISM: species Atachis hypogea
US-10-899-551-11

Query Match 53.1%; Score 26; DB 17; Length 10;
Best Local Similarity 66.7%; Pred. No. 2.8e+02;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 3 YDDNQR 8
Db 4 YDDRR 9

RESULT 38

US-10-682-845-15
; Sequence 15, Application US/10682845
; Publication No. US20040162411A1
; GENERAL INFORMATION:
; APPLICANT: Lanzavecchia, Antonio
; TITLE OF INVENTION: Potent T cell modulating molecules
; FILE REFERENCE: G2296 US
; CURRENT APPLICATION NUMBER: US/10/682,845
; CURRENT FILING DATE: 2003-10-10
; PRIOR APPLICATION NUMBER: US 60/419,149
; PRIOR FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: CA 2,403,313
; PRIOR FILING DATE: 2002-10-11
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 6
; TYPE: PRF
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: M76 mutant
US-10-682-845-15

Query Match 51.0%; Score 25; DB 16; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.7e+06;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 YDDN 6
Db 2 YDDN 5

RESULT 39

US-10-808-187-462
; Sequence 462, Application US/10808187
; Publication No. US2005009009A1
; GENERAL INFORMATION:
; APPLICANT: PEIRIS, JOSEPH S. M.
; APPLICANT: YUEN, KWOK YUNG
; APPLICANT: POON, LIT MAN
; APPLICANT: GUAN, YI
; APPLICANT: CHAN, KWOK HUNG
; APPLICANT: NICHOLLS, JOHN
; TITLE OF INVENTION: A DIAGNOSTIC ASSAY FOR THE HUMAN VIRUS CAUSING SEVERE ACUTE
; FILE REFERENCE: V9661.0078
; CURRENT APPLICATION NUMBER: US/10/808,187
; CURRENT FILING DATE: 2004-03-24
; PRIOR APPLICATION NUMBER: 60/457,031
; PRIOR FILING DATE: 2003-03-24
; PRIOR APPLICATION NUMBER: 60/457,730
; PRIOR FILING DATE: 2003-03-26
; PRIOR APPLICATION NUMBER: 60/459,931
; PRIOR FILING DATE: 2003-04-02
; PRIOR APPLICATION NUMBER: 60/460,357
; PRIOR FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: 60/461,265
; PRIOR FILING DATE: 2003-04-08
; PRIOR APPLICATION NUMBER: 60/462,805
; PRIOR FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: 60/468,139
; PRIOR FILING DATE: 2003-05-05
; PRIOR APPLICATION NUMBER: 60/464,886
; PRIOR FILING DATE: 2003-04-23
; PRIOR APPLICATION NUMBER: 60/471,200
; PRIOR FILING DATE: 2003-05-16
; NUMBER OF SEQ ID NOS: 2476
; SOFTWARE: PatentIn ver. 3.2
; SEQ ID NO 462
; LENGTH: 8
; TYPE: PRF
; ORGANISM: Human severe acute respiratory system virus
US-10-808-187-462

Query Match 51.0%; Score 25; DB 17; Length 8;
Best Local Similarity 66.7%; Pred. No. 1.7e+06;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDN 6
Db 2 FLHDDS 7

RESULT 40

US-10-807-807-462
; Sequence 462, Application US/10807807
; Publication No. US20050181357A1
; GENERAL INFORMATION:
; APPLICANT: LEUNG, FREDERICK C.
; APPLICANT: PEIRIS, JOSEPH S. M.
; APPLICANT: YUEN, KWOK YUNG
; APPLICANT: POON, LIT MAN
; APPLICANT: GUAN, YI
; APPLICANT: CHAN, KWOK HUNG
; APPLICANT: NICHOLLS, JOHN M.
; TITLE OF INVENTION: A HIGH-THROUGHPUT DIAGNOSTIC ASSAY FOR THE HUMAN VIRUS
US-10-807-807-462

; TITLE OF INVENTION: CAUSING SEVERE ACUTE RESPIRATORY SYNDROME (SARS)

; FILE REFERENCE: V9661.0077
; CURRENT APPLICATION NUMBER: US/10/807,807
; CURRENT FILING DATE: 2004-03-24
; PRIOR APPLICATION NUMBER: 60/457,031
; PRIOR FILING DATE: 2003-03-24
; PRIOR APPLICATION NUMBER: 60/457,730
; PRIOR FILING DATE: 2003-03-26
; PRIOR APPLICATION NUMBER: 60/459,931
; PRIOR FILING DATE: 2003-04-02
; PRIOR APPLICATION NUMBER: 60/460,357
; PRIOR FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: 60/461,265
; PRIOR FILING DATE: 2003-04-08
; PRIOR APPLICATION NUMBER: 60/462,805
; PRIOR FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: 60/464,886
; PRIOR FILING DATE: 2003-04-23
; PRIOR APPLICATION NUMBER: 60/465,738
; PRIOR FILING DATE: 2003-04-25
; PRIOR APPLICATION NUMBER: 60/470,935
; PRIOR FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 2487
; SOFTWARE: PatentIn ver. 3.2
; SEQ ID NO 462
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Human severe acute respiratory system virus
US-10-807-807-462

Query Match 51.0%; Score 25; DB 18; Length 8;
Best Local Similarity 66.7%; Pred. No. 1.7e+06;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDN 6
Db 2 FLHDDS 7

RESULT 41

US-10-363-205-232
; Sequence 232, Application US/10363205
; Publication No. US20050074747A1
; GENERAL INFORMATION:
; APPLICANT: Board of Regents, The University of Texas System
; TITLE OF INVENTION: Biopanning and Rapid Analysis of Selective Interactive Ligands (B
; FILE REFERENCE: 005774.P004PCT
; CURRENT APPLICATION NUMBER: US/10/363,205
; CURRENT FILING DATE: 2003-03-07
; NUMBER OF SEQ ID NOS: 289
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 232
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: (1)..(9)
; OTHER INFORMATION: synthetic construct
US-10-363-205-232

Query Match 51.0%; Score 25; DB 17; Length 9;
Best Local Similarity 83.3%; Pred. No. 1.7e+06;
Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4 DDQNRV 9
Db 2 DTQNRV 7

RESULT 42

US-09-572-404B-1038
; Sequence 1038, Application US/09572404B

; Publication No. US20030078374A1
; GENERAL INFORMATION:
; APPLICANT: Proteom Ltd
; TITLE OF INVENTION: Complementary peptide ligands from the human genome
; FILE REFERENCE: Human patent
; CURRENT APPLICATION NUMBER: US/09/572,404B
; CURRENT FILING DATE: 2000-05-17
; NUMBER OF SEQ ID NOS: 4203
; SOFTWARE: ProtPatent version 1.0
; SEQ ID NO 1038
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Homo Sapiens
; FEATURE:
; OTHER INFORMATION: sequence located in COL5A1 at 133-142 and may interact with Sequ
US-09-572-404B-1038

Query Match 51.0%; Score 25; DB 10; Length 10;
Best Local Similarity 80.0%; Pred. No. 4.3e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDD 5
Db 6 FLYED 10

RESULT 43

US-09-572-404B-1167
; Sequence 1167, Application US/09572404B
; Publication No. US20030078374A1
; GENERAL INFORMATION:
; APPLICANT: Proteom Ltd
; TITLE OF INVENTION: Complementary peptide ligands from the human genome
; FILE REFERENCE: Human patent
; CURRENT APPLICATION NUMBER: US/09/572,404B
; CURRENT FILING DATE: 2000-05-17
; NUMBER OF SEQ ID NOS: 4203
; SOFTWARE: ProtPatent version 1.0
; SEQ ID NO 1167
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Homo Sapiens
; FEATURE:
; OTHER INFORMATION: sequence located in BTN at 312-321 and may interact with Sequence
US-09-572-404B-1167

Query Match 51.0%; Score 25; DB 10; Length 10;
Best Local Similarity 80.0%; Pred. No. 4.3e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDD 5
Db 6 FLYED 10

RESULT 44

US-09-832-312-65
; Sequence 65, Application US/09832312
; Patent No. US20010049829A1
; GENERAL INFORMATION:
; APPLICANT: Busfield et al.
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
; FILE REFERENCE: 7853-234
; CURRENT APPLICATION NUMBER: US/09/832,312
; CURRENT FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 09/610,118
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/503,387
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 09/454,824
; PRIOR FILING DATE: 1999-12-06

```
; PRIOR APPLICATION NUMBER: 09/345,468
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 65
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-832-312-65

Query Match      49.0%; Score 24; DB 9; Length 7;
Best Local Similarity 80.0%; Pred. No. 1.7e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      4 DDNOR 8
Db      1 EDNOR 5

RESULT 45
US-09-563-222-24
; Sequence 24, Application US/09563222
; Publication No. US20030079253A1
; GENERAL INFORMATION:
; APPLICANT: Hiatt, Andrew
; APPLICANT: Hein, Mich B.
; TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEIN ARRAYS IN
; FILE REFERENCE: 310098.406
; CURRENT APPLICATION NUMBER: US/09/563,222
; CURRENT FILING DATE: 2000-05-02
; NUMBER OF SEQ ID NOS: 197
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-563-222-24

Query Match      49.0%; Score 24; DB 10; Length 7;
Best Local Similarity 80.0%; Pred. No. 1.7e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      4 DDNOR 8
Db      1 DDNKR 5

RESULT 46
US-09-972-656-13
; Sequence 13, Application US/09972656
; Publication No. US20030099647A1
; GENERAL INFORMATION:
; APPLICANT: Deshpande, Rajendra
; APPLICANT: Tsai, Mei-Mei
; TITLE OF INVENTION: Fully Human Antibody Fab Fragments with Human Interferon-Gamma
; FILE REFERENCE: A-799
; CURRENT APPLICATION NUMBER: US/09/972,656
; CURRENT FILING DATE: 2001-10-05
; NUMBER OF SEQ ID NOS: 135
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 13
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-972-656-13

Query Match      49.0%; Score 24; DB 10; Length 7;
Best Local Similarity 80.0%; Pred. No. 1.7e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      4 DDNOR 8
```

```
Db      1 EDNOR 5

RESULT 47
US-09-829-495-65
; Sequence 65, Application US/09829495
; Publication No. US20040001826A1
; GENERAL INFORMATION:
; APPLICANT: Busfield SJ
; APPLICANT: Villevall J
; APPLICANT: Jandrot-Perrus M
; APPLICANT: Vainchenker W
; APPLICANT: Gill DS
; APPLICANT: Qian MD
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
; FILE REFERENCE: 7853-234
; CURRENT APPLICATION NUMBER: US/09/829,495
; CURRENT FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 09/610,118
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/503,387
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 09/454,824
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 09/345,468
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 65
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-829-495-65

Query Match      49.0%; Score 24; DB 11; Length 7;
Best Local Similarity 80.0%; Pred. No. 1.7e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      4 DDNOR 8
Db      1 EDNOR 5

RESULT 48
US-10-425-855-13
; Sequence 13, Application US/10425855
; Publication No. US20040005324A1
; GENERAL INFORMATION:
; APPLICANT: PILKINGTON, GLENN
; APPLICANT: GILMOUR, PAGE
; APPLICANT: CHANOCK, ROBERT
; APPLICANT: CROWE, JAMES
; APPLICANT: MURPHY, BRIAN
; TITLE OF INVENTION: NEUTRALIZING MONOCLONAL ANTIBODIES TO RESPIRATORY
; FILE REFERENCE: 18602.0007/P007-A
; CURRENT APPLICATION NUMBER: US/10/425,855
; CURRENT FILING DATE: 2003-04-30
; PRIOR APPLICATION NUMBER: 09/043,530
; PRIOR FILING DATE: 1998-10-09
; PRIOR APPLICATION NUMBER: 60/003,931
; PRIOR FILING DATE: 1995-09-18
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-425-855-13

Query Match      49.0%; Score 24; DB 15; Length 7;
Best Local Similarity 80.0%; Pred. No. 1.7e+06;
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Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Oy 4 DDNQR 8
:||||
Db 1 EDNQR 5

RESULT 49

US-10-783-950-24
; Sequence 24, Application US/10783950
; Publication No. US20040199945A1
; GENERAL INFORMATION:
; APPLICANT: EPICYTE PHARMACEUTICALS, INC.
; APPLICANT: HIATT, ANDREW C.
; TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEIN ARRAYS IN PLANT CELLS
; FILE REFERENCE: 068904-0501
; CURRENT APPLICATION NUMBER: US/10/783,950
; CURRENT FILING DATE: 2004-02-19
; PRIOR APPLICATION NUMBER: US/09/563,222
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: PCT/US01/14349
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/563,222
; PRIOR FILING DATE: 2000-05-02
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-783-950-24

Query Match 49.0%; Score 24; DB 16; Length 7;
Best Local Similarity 80.0%; Pred. No. 1.7e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Oy 4 DDNQR 8
:||||
Db 1 DDNKR 5

RESULT 50

US-10-741-481-21
; Sequence 21, Application US/10741481
; Publication No. US20040213795A1
; GENERAL INFORMATION:
; APPLICANT: Collins, Mary et al.
; TITLE OF INVENTION: ANTIBODIES AGAINST PD-1 AND USES THEREFOR
; FILE REFERENCE: 08702.0098-00000
; CURRENT APPLICATION NUMBER: US/10/741,481
; CURRENT FILING DATE: 2003-12-22
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-741-481-21

Query Match 49.0%; Score 24; DB 16; Length 7;
Best Local Similarity 80.0%; Pred. No. 1.7e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Oy 4 DDNQR 8
:||||
Db 1 EDNQR 5

Search completed: November 3, 2005, 13:21:29
Job time : 166 secs

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